CARMONA RESOURCES

SITE INFORMATION

Closure Report
Salado Draw 23 Central Tank Battery (12.03.2023)
Incident # NAPP2334143989
Lea County, New Mexico
Unit N Sec 14 T26S R32E
32.035793°, -103.646698°

Produced Water & Crude Oil Release
Point of Release: Pinhole leak in a spool piece and ruptured underground at the transition piece.
Release Date: 12.03.2023
Volume Released: 0.293 Barrels of Crude Oil & 29.161 Barrels of Produced Water
Volume Recovered: 0 Barrels of Crude Oil & 0 Barrels of Produced Water

CARMONA RESOURCES

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

Prepared by:
Carmona Resources, LLC
310 West Wall Street
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432.813.1992

CARMONA RESOURCES

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CARMONA RESOURCES

May 27, 2025

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

Re: Closure Report
Salado Draw 23 Central Tank Battery (12.03.2023)
Incident ID: nAPP2334143989
Chevron U.S.A., Inc.
Site Location: Unit N, S14, T26S, R32E
(Lat 32.035793º, Long -103.646698º)
Lea County, New Mexico

To whom it may concern:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities for the Salado Draw 23 Central Tank Battery (12.03.2023) release. The site is located at 32.035793º, -103.646698º within Unit N, S14, T26S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 3, 2023, caused by a pinhole leak in a spool piece and ruptured underground at the transition piece. It resulted in approximately zero point two-nine-three (0.293) barrels of crude oil and twenty-nine point one-six-one (29.161) barrels of produced water to be released into the pasture, with no fluid recovered. 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, there are no known water sources within a 0.50-mile radius of the location. On September 24, 2024, Carmona Resources was onsite to drill a groundwater determination bore to 112 feet below ground surface (ft. bgs) within a 0.50-mile radius of the location. The groundwater determination bore is located approximately 0.46 miles Northeast of the site in S14, T26S, R32E (32.036472°, -103.639639°). No water was detected after 72 hours. A copy of the associated well log is attached in Appendix D.

Additionally, a karst survey was completed on August 14, 2024, per BLM request. The Karst Survey was completed in order to remediate per the standards set in Table 1 NMAC 19.15.29.12 Groundwater >100 feet due to the site being determined to be in a “Low Karst” environment. See Appendix D for Site Characterization, Groundwater Information, and Karst Survey.

3.0 NMAC Regulatory Criteria

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

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

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4.0 Site Assessment Activities

Initial Assessment

Between December 12, 2023, and February 14, 2024, a third-party environmental consultant was onsite to assess the entire release area following a surface scrape to remove all free-standing fluids and any stained soil seen on the surface, the area was excavated approximately 1.5 ft. bgs. A total of fourteen (14) sample points (S-1 through S-14) were advanced to depths ranging from surface to 5.0' bgs inside the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. The samples were delivered to Eurofins Laboratories in Midland, Texas and analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was originally achieved in the areas of S-1 through S-14 for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

The areas of S-1, S-2, S-6, S-7, S-11, S-12, and S-14 help horizontally define the area, and all were below the regulatory limits for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1. Additional horizontal delineation was achieved by way of composite confirmation Sidewall Samples. Refer to Table 2.

5.0 Remediation Activities

Prior to arriving on site, Carmona Resources was made aware that the release discussed in this report was overlapped by a reportable release caused by NGL Energy Partners, LLC (NGL) (Incident ID: NAPP2422243094). The Chevron spill incident was located further to the north and terminated after traveling 650 feet, covering the area of 0.32 acres, and was previously excavated by another consultant to approximately 1.5 ft. bgs. The NGL spill incident traveled approximately 1,500 feet, covering 1.34 acres, of which 0.17 acres overlap the Chevron spill, before terminating. Figure 4A shows the overlapping Chevron (NAPP2334143989) spill incident with the NGL (NAPP2422243094) spill incident.

After internal discussions between Chevron and NGL, an agreement was made that Chevron would document the remediation efforts for the areas of S-8 through S-9 and S-11 through S-13 in this report. Please refer to the closure report for incident ID: nAPP2422243094 for the documentation of the areas of S-1 through S-5. All remediation activities that took place south of 32.034218°, -103.647383° are addressed in the closure report associated with NMOCD incident ID: NAPP2422243094.

Beginning on March 11, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on March 25, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-8 was excavated to a depth of 4.25 ft. bgs. The areas of S-9 and S-11 were excavated to a depth of 2.5' bgs. The areas of S-12 through S-13 were excavated to a depth of 1.0' bgs. A total of seventeen (17) confirmation floor samples (CS-1 through CS-17) were collected every 500 square feet, and twenty-nine (29) sidewall samples (SW-1 through SW-29) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4A through 4C.

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

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Before the excavation was backfilled, a composite sample of the backfill material was collected on March 19, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from the local landowner located at 32.026201, -103.681488. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A total of approximately 13,971 square feet of contamination was remediated, consisting of 6,220 square feet addressed directly by Chevron and 7,751 square feet subsequently completed by NGL, resulting in 900 cubic yards of material excavated by Chevron and transported offsite for proper disposal. The 7,751 square feet area addressed by NGL represents the area where both spill areas overlapped each other. Additional information related to the NGL release (nAPP2422243094) can be found in Appendix F

6.0 Revegetation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On April 28, 2025, the backfilled areas in the pasture were seeded via hand distribution with the appropriate pounds of pure live seed per acre. The seed mixture used was BLM #2 Sandy. See Figure 5 for the revegetation area. See Appendix F for the soil survey.

7.0 Conclusions

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Chevron formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,
Carmona Resources, LLC

Ashton Thielke
Environmental Manager

Gilbert Priego
Project Manager

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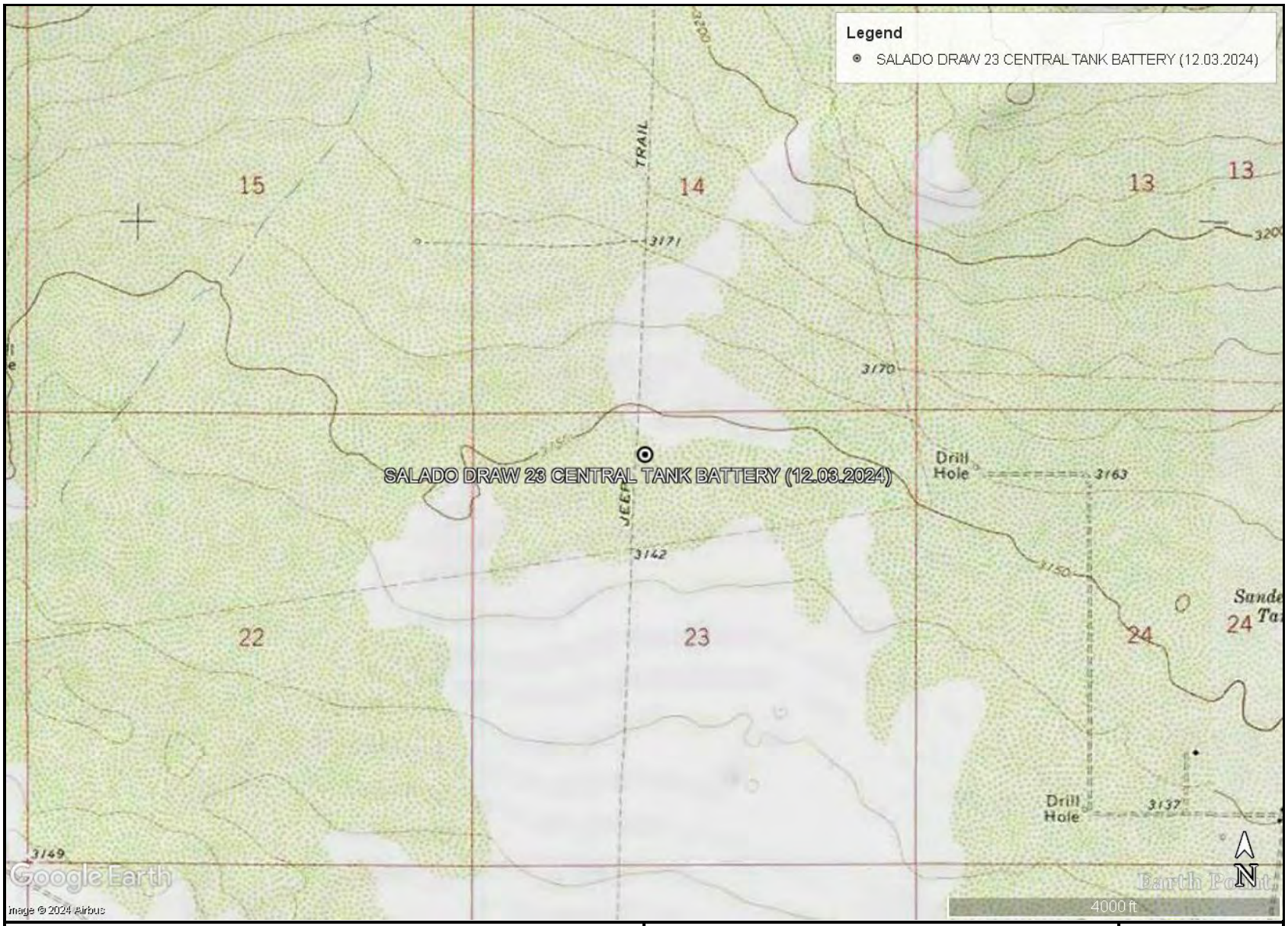
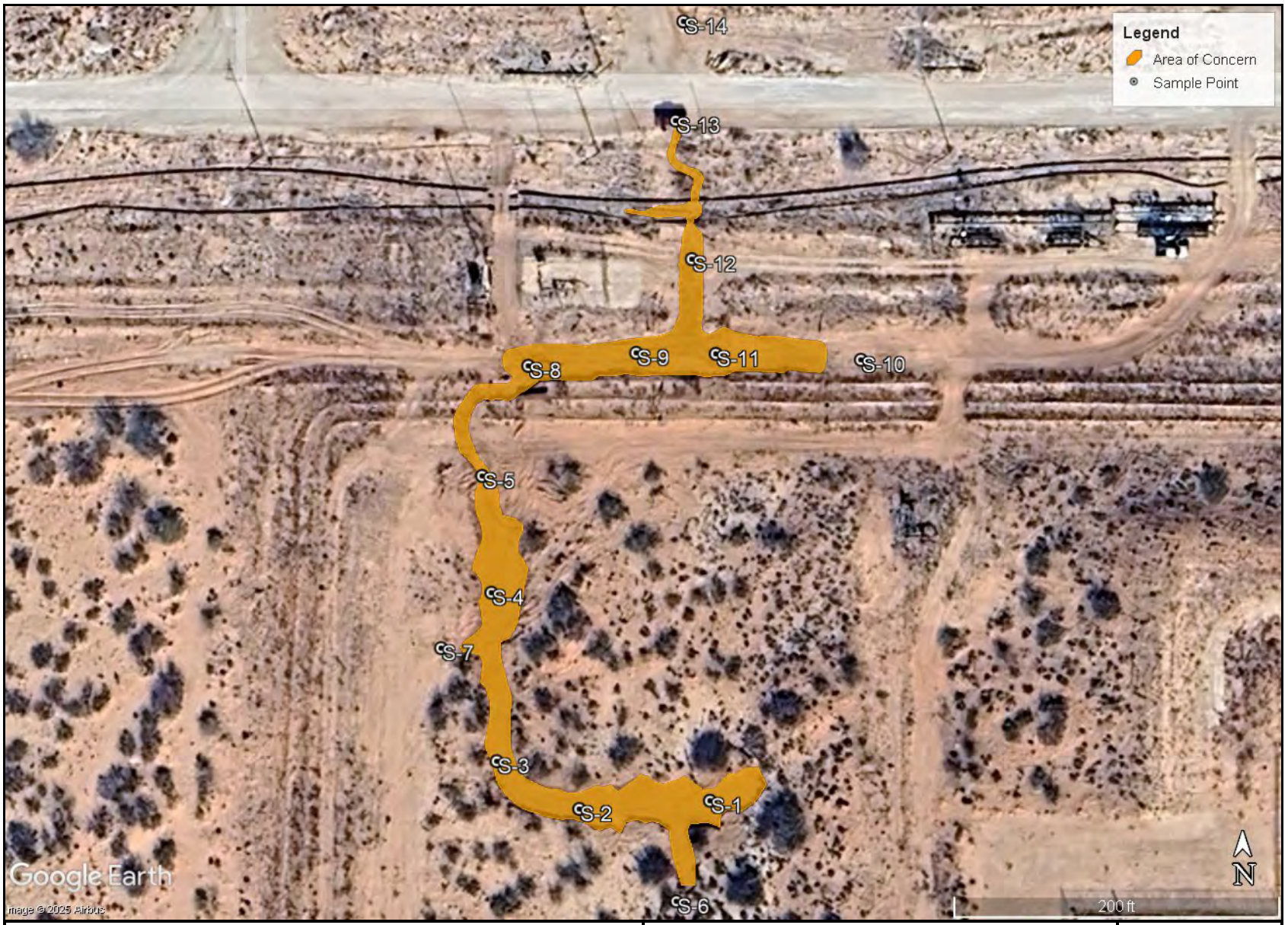
FIGURES

CARMONA RESOURCES

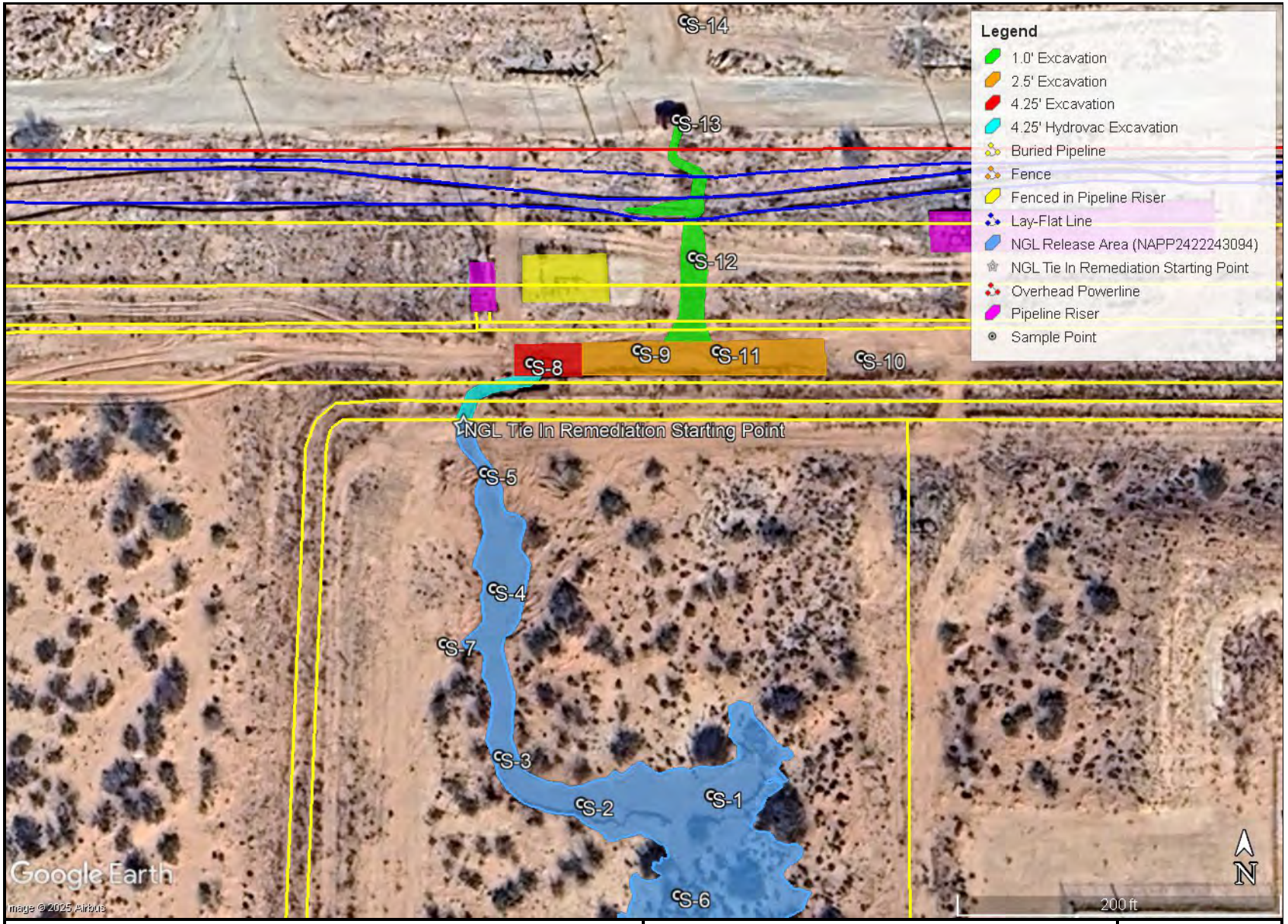
SITE OVERVIEW MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 1



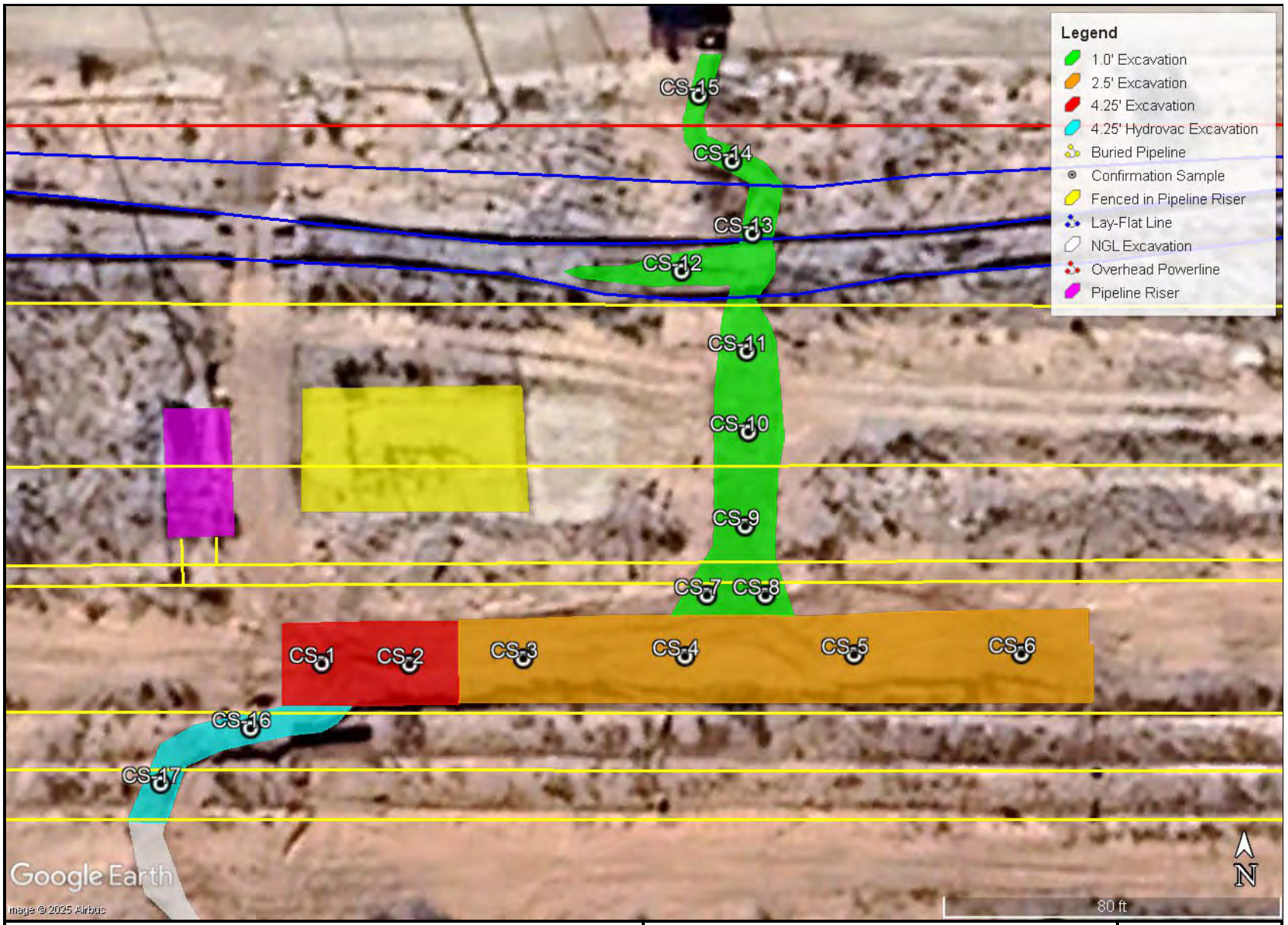
TOPOGRAPHIC MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 2



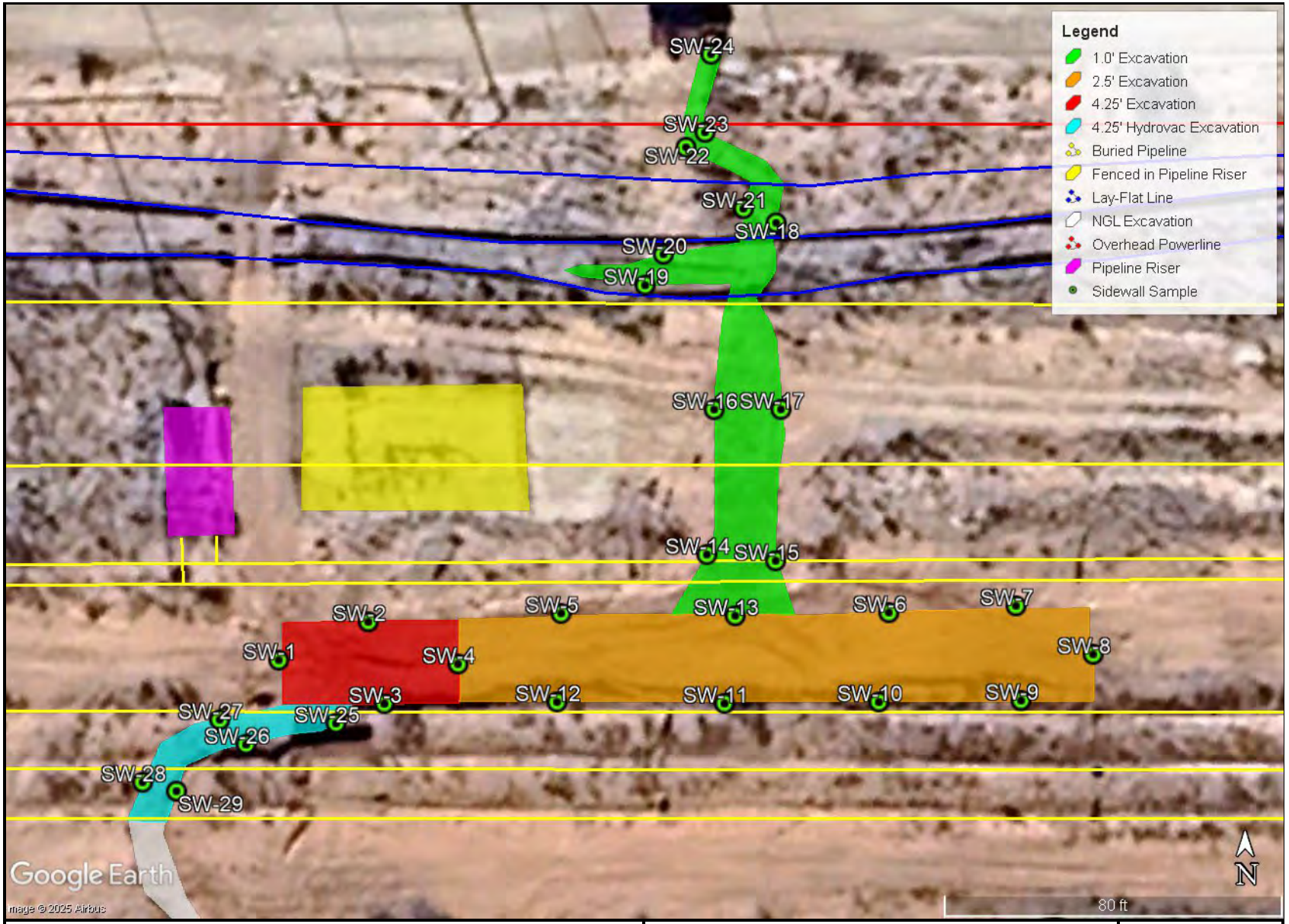
SAMPLE LOCATION MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 3



EXCAVATION DEPTH OVERVIEW MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 4A



EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 4B



EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 4C

REVEGETATION AREA MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023) LEA COUNTY, NEW MEXICO 32.035793°, -103.646698°	CARMONA RESOURCES	FIGURE 5

APPENDIX A

CARMONA RESOURCES

Table 1
Chevron
SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	12/12/2023	1 - 2	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.4
S-2	12/12/2023	1 - 2	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	22.8
S-3	12/12/2023	1 - 2	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,920**
	2/14/2024	3	<49.5	<49.5	<49.5	<49.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	348
	"	5	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	72.6
S-4	12/12/2023	1 - 2	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,110**
	2/14/2024	3	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**736**
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	128
S-5	12/12/2023	1 - 2	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,660**
	2/14/2024	3	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**2,080**
	"	5	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,770
S-6	12/12/2023	0 - 0.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5.71
S-7	12/12/2023	0 - 0.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<4.95
S-8	12/12/2023	1 - 2	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**1,710**
	2/14/2024	3	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,720**
	"	5	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	386
S-9	12/12/2023	1 - 2	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	79.2
S-10	12/12/2023	1 - 2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,390**
	2/14/2024	3	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	83.8
	"	5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	108
S-11	12/12/2023	1 - 2	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	197
S-12	12/12/2023	0 - 0.5	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.8
S-13	12/12/2023	0 - 0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,900**
	2/14/2024	1	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	430
	"	3	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	119
	"	5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	108
S-14	12/12/2023	1 - 2	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	57.3
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) Soil Sample
Removed

Table 2
Chevron
SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	3/27/2025	4.25	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,300
CS-2	3/27/2025	4.25	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,490
CS-3	3/27/2025	2.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	138
CS-4	3/27/2025	2.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
CS-5	3/27/2025	2.5	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	104
CS-6	3/27/2025	2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	84.3
CS-7	3/27/2025	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	91.1
CS-8	3/27/2025	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	117
CS-9	3/27/2025	1.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	78.6
CS-10	3/27/2025	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	146
CS-11	3/27/2025	1.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	118
CS-12	3/27/2025	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	139
CS-13	3/27/2025	1.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	156
CS-14	3/27/2025	1.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	147
CS-15	3/27/2025	1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	144
CS-16	4/2/2025	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-17	4/2/2025	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**20,000 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

Table 2
Chevron
SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	3/27/2025	4.25	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	151
SW-2	3/27/2025	4.25	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	140
SW-3	3/27/2025	4.25	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	138
SW-4	3/27/2025	4.25	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	162
SW-5	3/27/2025	2.5-4.25	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
SW-6	3/27/2025	2.5	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
SW-7	3/27/2025	2.5	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	93.1
SW-8	3/27/2025	2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	231
SW-9	3/27/2025	2.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	101
SW-10	3/27/2025	2.5	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	233
SW-11	3/27/2025	2.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	218
SW-12	3/27/2025	2.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	233
SW-13	3/27/2025	1.0-2.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
SW-14	3/27/2025	1.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	170
SW-15	3/27/2025	1.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	130
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

Table 2
Chevron
SALADO DRAW 23 CENTRAL TANK BATTERY (12.03.2023)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-16	3/27/2025	1.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	163
SW-17	3/27/2025	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	108
SW-18	3/27/2025	1.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	132
SW-19	3/27/2025	1.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	134
SW-20	3/27/2025	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	117
SW-21	3/27/2025	1.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	146
SW-22	3/27/2025	1.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	161
SW-23	3/27/2025	1.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	165
SW-24	3/27/2025	1.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	174
SW-25	4/2/2025	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-26	4/2/2025	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-27	4/2/2025	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-28	4/2/2025	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-29	4/2/2025	4.25	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Backfill	3/19/2025	-	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	121
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

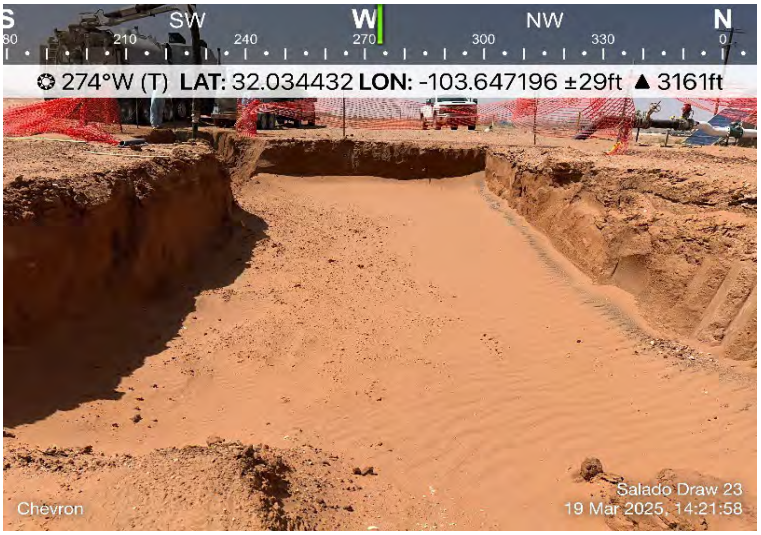
Chevron U.S.A., Inc.

Photograph No. 1

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View West, area of CS-1 and CS-2.



Photograph No. 2

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View West, area of CS-3 through CS-6.

Photograph No. 3

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Southwest, area of CS-7 through CS-9.

PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 4

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

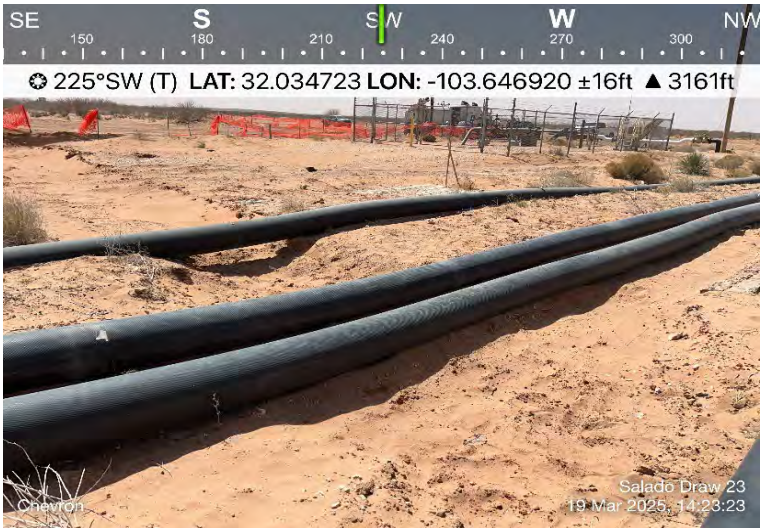
Description:
View Southwest, area of CS-10 through CS-15.

Photograph No. 5

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Southwest, area of CS-7 through CS-12.



Photograph No. 6

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View East, area of CS-13 through CS-15.

PHOTOGRAPHIC LOG

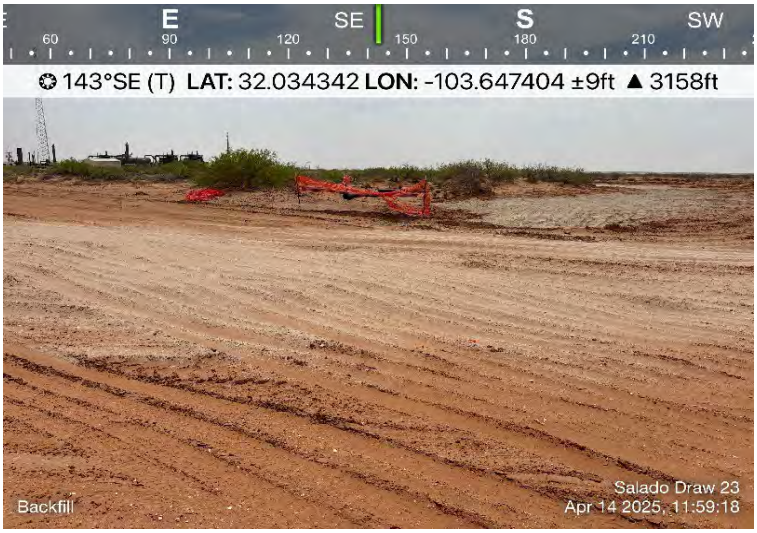
Chevron U.S.A., Inc.

Photograph No. 7

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Southeast, area of backfill.



Photograph No. 8

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View East, area of backfill.

Photograph No. 9

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Northeast, area of backfill.

PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 10

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View West, area of backfill.

Photograph No. 11

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View South, area of backfill.

Photograph No. 12

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View North, area of backfill.

PHOTOGRAPHIC LOG

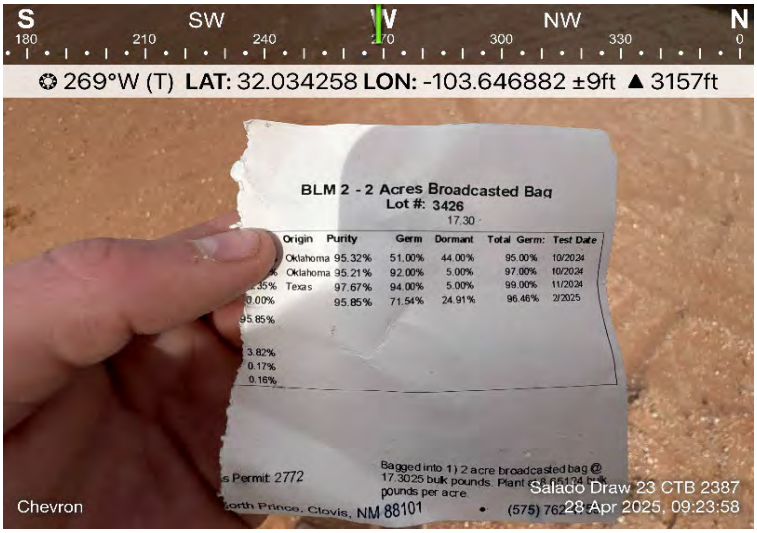
Chevron U.S.A., Inc.

Photograph No. 13

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View of seed mixture.

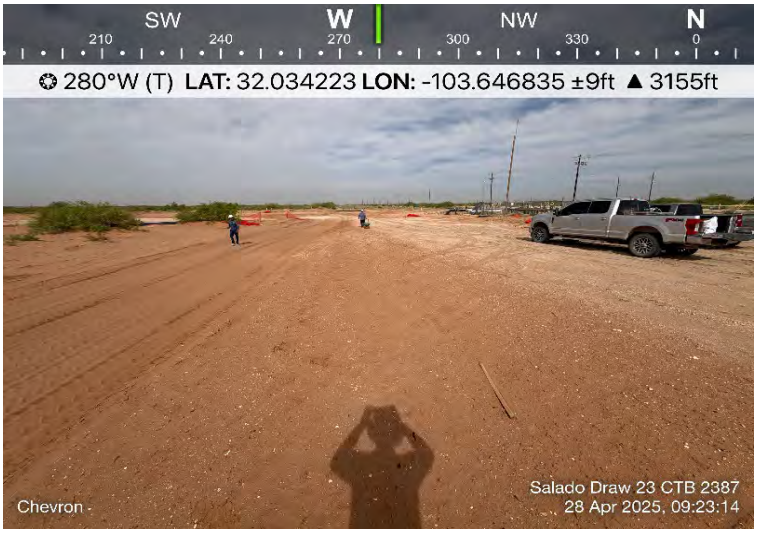


Photograph No. 14

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Southeast, area of reseeding.



Photograph No. 15

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View North, area of reseeding.

PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

Photograph No. 16

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View of seed mixture.

Photograph No. 17

Facility: Salado Draw 23 Central Tank Battery (12.03.2023)

County: Lea County, New Mexico

Description:
View Southeast, area of reseeding.

APPENDIX C

CARMONA RESOURCES

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

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

QUESTIONS

Action 292317

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292317
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Salado Draw 23 Central Tank Battery
Date Release Discovered	12/03/2023
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 29 BBL | Recovered: 0 BBL | Lost: 29 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292317
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

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

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

ACKNOWLEDGMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292317
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 292317

CONDITIONS

Operator:	OGRID:
CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	4323
	Action Number: 292317
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
csmith1	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	12/7/2023

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	nAPP2334143989
District RP	
Facility ID	fAPP2134340195
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron U.S.A., Inc.	OGRID: 4323
Contact Name: Catherine Smith	Contact Telephone: 432-967-9487
Contact email: catherinesmith@chevron.com	Incident # nAPP2334143989
Contact mailing address:6301 Deauville Blvd Midland, TX 79706	

Location of Release Source

Latitude: 32.035793 Longitude: -103.646698
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Salado Draw 23 Central Tank Battery	Site Type: Oil
Date Release Discovered: 12/3/2023	API# *(if applicable):*

Unit Letter	Section	Township	Range	County
N	14	26S	32E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

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): 0.293	Volume Recovered (bbls): 0
☒ Produced Water	Volume Released (bbls): 29.161	Volume Recovered (bbls): 0
	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:

Spill caused by a pinhole leak in a spool piece and ruptured underground transition piece.

Spill occurred at the Salado Draw Water Corridor – this spill will be attributed to the closest NMOCD-registered facility and the facility that the line was providing flow to at the time of spill, Salado Draw 23 CTB.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2334143989
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? Spill volume exceeding 25 bbl.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Yes, by Catherine Smith to Mike Bratcher on 12/3 by email.

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 not 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: ____Catherine Smith_____ Title: _Lead Environmental Specialist, Field Support _____

Signature: Catherine Smith Date: 12/14/2023_____

email: _____catherinesmith@chevron.com _____ Telephone: ____432-967-9487_____

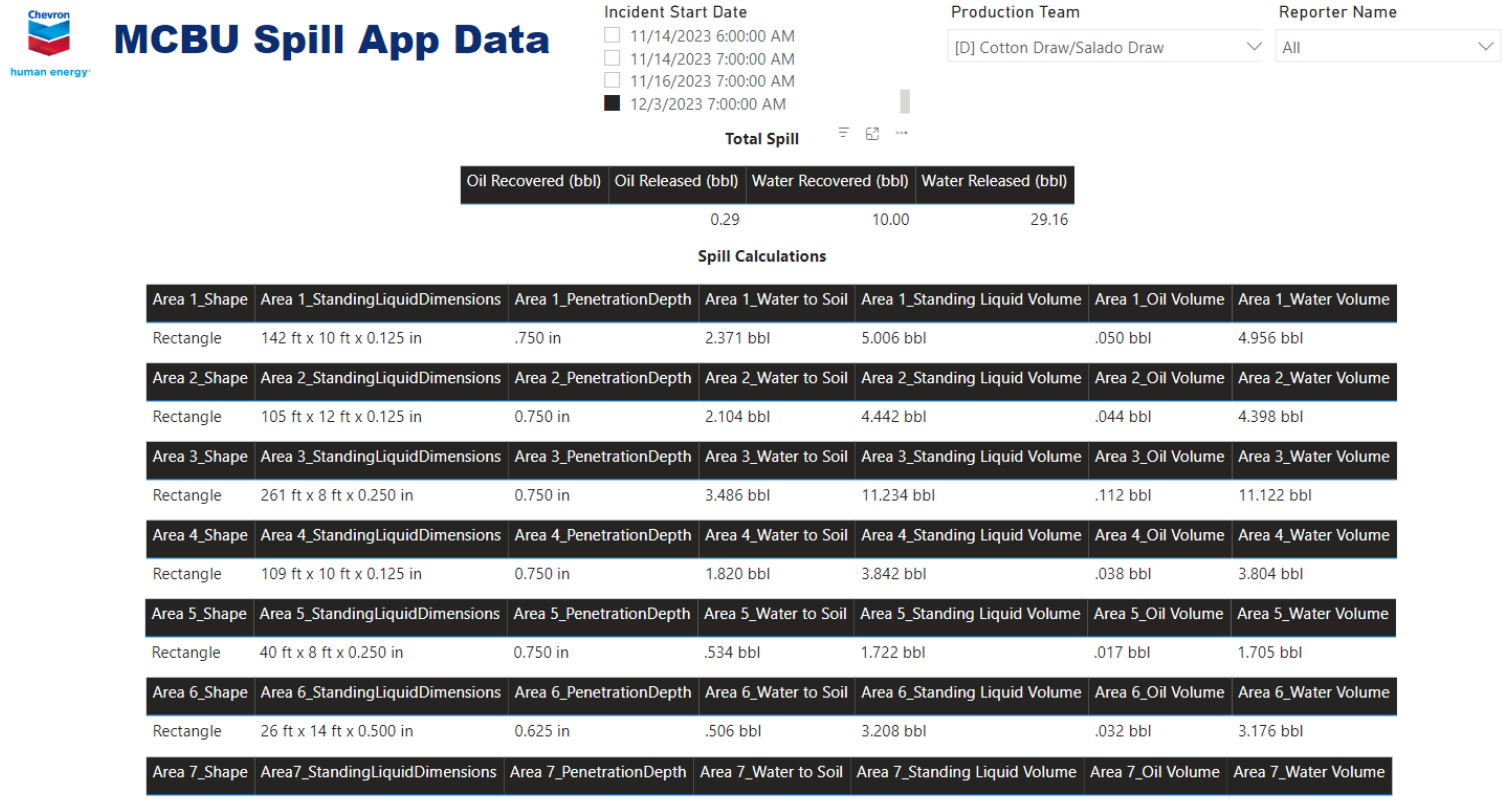
OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2334143989
District RP	
Facility ID	
Application ID	

Spill Calculations:



MCBU Spill App Data

Incident Start Date
- 11/14/2023 6:00:00 AM
- 11/14/2023 7:00:00 AM
- 11/16/2023 7:00:00 AM
- 12/3/2023 7:00:00 AM

Production Team: [D] Cotton Draw/Salado Draw

Reporter Name: All

Total Spill

Oil Recovered (bbl)	Oil Released (bbl)	Water Recovered (bbl)	Water Released (bbl)
	0.29	10.00	29.16

Spill Calculations

Area 1_Shape	Area 1_StandingLiquidDimensions	Area 1_PenetrationDepth	Area 1_Water to Soil	Area 1_Standing Liquid Volume	Area 1_Oil Volume	Area 1_Water Volume
Rectangle	142 ft x 10 ft x 0.125 in	.750 in	2.371 bbl	5.006 bbl	.050 bbl	4.956 bbl
Area 2_Shape	**Area 2_StandingLiquidDimensions**	**Area 2_PenetrationDepth**	**Area 2_Water to Soil**	**Area 2_Standing Liquid Volume**	**Area 2_Oil Volume**	**Area 2_Water Volume**
Rectangle	105 ft x 12 ft x 0.125 in	0.750 in	2.104 bbl	4.442 bbl	.044 bbl	4.398 bbl
Area 3_Shape	**Area 3_StandingLiquidDimensions**	**Area 3_PenetrationDepth**	**Area 3_Water to Soil**	**Area 3_Standing Liquid Volume**	**Area 3_Oil Volume**	**Area 3_Water Volume**
Rectangle	261 ft x 8 ft x 0.250 in	0.750 in	3.486 bbl	11.234 bbl	.112 bbl	11.122 bbl
Area 4_Shape	**Area 4_StandingLiquidDimensions**	**Area 4_PenetrationDepth**	**Area 4_Water to Soil**	**Area 4_Standing Liquid Volume**	**Area 4_Oil Volume**	**Area 4_Water Volume**
Rectangle	109 ft x 10 ft x 0.125 in	0.750 in	1.820 bbl	3.842 bbl	.038 bbl	3.804 bbl
Area 5_Shape	**Area 5_StandingLiquidDimensions**	**Area 5_PenetrationDepth**	**Area 5_Water to Soil**	**Area 5_Standing Liquid Volume**	**Area 5_Oil Volume**	**Area 5_Water Volume**
Rectangle	40 ft x 8 ft x 0.250 in	0.750 in	.534 bbl	1.722 bbl	.017 bbl	1.705 bbl
Area 6_Shape	**Area 6_StandingLiquidDimensions**	**Area 6_PenetrationDepth**	**Area 6_Water to Soil**	**Area 6_Standing Liquid Volume**	**Area 6_Oil Volume**	**Area 6_Water Volume**
Rectangle	26 ft x 14 ft x 0.500 in	0.625 in	.506 bbl	3.208 bbl	.032 bbl	3.176 bbl
Area 7_Shape	**Area7_StandingLiquidDimensions**	**Area 7_PenetrationDepth**	**Area 7_Water to Soil**	**Area 7_Standing Liquid Volume**	**Area 7_Oil Volume**	**Area 7_Water Volume**

District I
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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 292323

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292323
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2334143989**
Incident Name	**NAPP2334143989 SALADO DRAW 23 CENTRAL TANK BATTERY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2134340195] Salado Draw 23 Central Tank Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Salado Draw 23 Central Tank Battery
Date Release Discovered	12/03/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 29 BBL | Recovered: 0 BBL | Lost: 29 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292323
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: Catherine Smith Title: HSE Environmental Specialist Email: catherinesmith@chevron.com Date: 12/14/2023

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292323
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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 100 and 500 (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	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	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	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 292323
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	12/15/2023

Ashton Thielke

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Monday, September 30, 2024 4:57 PM
To: Ashton Thielke
Cc: Barnhill, Amy
Subject: Re: [EXTERNAL] NAPP2334143989 - SALADO DRAW 23 CENTRAL TANK BATTERY - EXTENSION REQUEST

Good afternoon Ashton,

Your 90-day time extension request is approved. Remediation Due date has been updated to December 30, 2024.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Monday, September 30, 2024 10:35 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Barnhill, Amy <ABarnhill@chevron.com>
Subject: [EXTERNAL] NAPP2334143989 - SALADO DRAW 23 CENTRAL TANK BATTERY - EXTENSION REQUEST

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

Good morning Nelson,

On behalf of Chevron USA, we are requesting a 90-extension request on above-mentioned spill remediation.
As discussed with you over the phone, NGL Water Solutions had a release (NAPP2422243094) directly overtop of the above-mentioned spill area that further impacted the area of concern.
Carmona Resources is currently working to vertically assess the entire spill area to investigate the changes in contamination extents, vertically & horizontally, and will be developing an official work plan.

Due to this area being in medium karst, a karst survey has been completed and will be attached to the official work plan.
A groundwater determination bore was also drilled in this area (on 09.24.2024) to a depth of 105’ with no evidence of water after 72 hours.

Please let me know if you have any questions.

Thanks!

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 445331

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 445331
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2334143989**
Incident Name	**NAPP2334143989 SALADO DRAW 23 CENTRAL TANK BATTERY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**
Incident Facility	**[fAPP2134340195] Salado Draw 23 Central Tank Battery**

Location of Release Source	
Site Name	**SALADO DRAW 23 CENTRAL TANK BATTERY**
Date Release Discovered	**12/03/2023**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	14,000
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/27/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.034316, -103.647140) Carmona Resources will be onsite to conduct composite confirmation sampling from 03.27.2025 and will continue until 04.04.2025.”

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

General Information
Phone: (505) 629-6116

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

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 445331
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/25/2025

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Chevron USA

Released to Imaging: 7/15/2025 9:10:59 AM

Image © 2024 Airbus

Received by OCD: 5/28/2025 9:36:07 AM

Medium Karst

Chevron USA

Legend

- Medium
- SD WE 14 Federal P7 #003H-#004H

SD WE 14 Federal P7 #003H-#004H

Google Earth

Released to Imaging: 7/15/2025 9:10:59 AM

Image © 2024 Airbus

N

3000 ft

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04549 POD1		CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9		3344	0	0	0
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2		3366	55		
C 02271	R	CUB	LE		NE	SW	21	26S	32E	624449.0	3544111.0 *		3397	150	125	25
C 03595 POD1		CUB	LE	SE	NE	SW	21	26S	32E	624422.6	3544045.9		3440	280	180	100
C 02271 POD2		CUB	LE	SW	NE	SW	21	26S	32E	624348.0	3544010.0 *		3522	270	250	20
C 02323		C	LE	SW	NE	SW	21	26S	32E	624348.0	3544010.0 *		3522	405	405	0
C 03537 POD1		CUB	LE	SW	NE	SW	21	26S	32E	624250.4	3543985.6		3622	850		

Average Depth to Water: **192 feet**

Minimum Depth: **0 feet**

Maximum Depth: **405 feet**

Record Count: 7

UTM Filters (in meters):

Easting: 627720.00

Northing: 3545028.00

Radius: 4000

*** UTM location was derived from PLSS - see Help**

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

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		C-4880

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Chevron USA Inc. (Agent-H&R Enterprises, LLC/James Hawley)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
PO 3641	Hobbs	NM	88241

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	02	11.3	N
	LONGITUDE	103	38	22.7	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-24-24	9-24-24	112'	112'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 9-27-24

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0'	112'	6"	No Casing left in hole				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0'	25'	25'	Red Sand	Y ✓ N	
25'	60'	35'	Reddish Brown Sandy Clay	Y ✓ N	
60"	65"	5'	Pinkish Tan Sandy Clay	Y ✓ N	
65'	70'	5'	Yellow Sandy Clay	Y ✓ N	
70'	80'	10'	Reddish Brown Sandy Clay	Y ✓ N	
80'	85'	5'	Pinkish Tan Sandy Clay	Y ✓ N	
85'	112'	27'	Dark Red Sandy Clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: N/A

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Bore was gauged for water on 9-27-24, well bore was dry. Temporary well casing was removed. Borehole was backfilled to 10' BGS with drill cuttings, then hydrated Bentonite chips were poured from 10' BGS to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9-20-24 — DATE

FOR OSE INTERNAL USE

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

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

BORING RECORD

Start: 12:39
Finish: 14:32

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

PID READING scale: 2 4 6 8 10 12 14 16 18

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
L LABORATORY TEST LOCATION
\+ PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

JOB NUMBER : Chevron/ 20-0107-23
HOLE DIAMETER : 5"
LOCATION : Malestorm 15-1 SWD 32°2'28.43"N, 103°39'35.87"W
LAI GEOLOGIST : M. Larson
DRILLING CONTRACTOR : Scarborough Drilling
DRILLING METHOD : Air Rotary

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 10/12/2022

BORING NUMBER : BH-1

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 12:39 Finish: 14:32 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING PPM X (2 4 6 8 10 12 14 16 18)	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING SOIL : PPM SOIL : PPM
	70	Sandstone, 2.5YR 5/9, Reddish Brown, Very Fine Grained Quartz Sand,Poorly Sorted, Soft to Moderate, Well Cemented	Sand Stone							
	75									
	80	Shale (Red Bed), 2.5YR 4/6 to 5/6, Red to Reddish Brown, Silty, Very Fine Grained Quartz Sand, Dry	Shale			5			80	13:56
	85									
	90									
	95									
	100									
	105		Shale							
	110									
	115	TD: 115'								
	120									
	125									
	130									

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
LABORATORY TEST LOCATION
PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

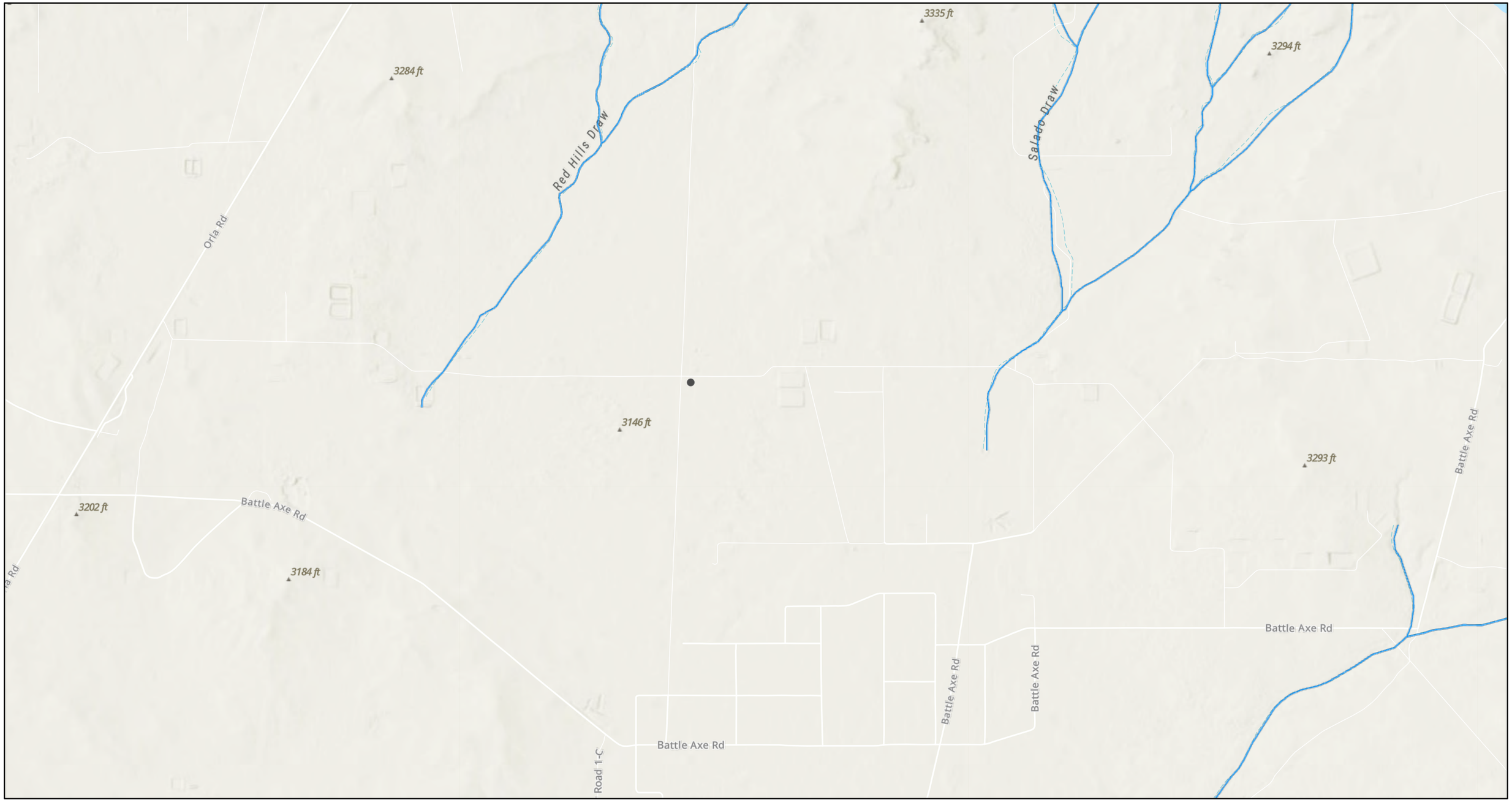
Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 10/12/2022

BORING NUMBER : BH-1

JOB NUMBER : Chevron/ 20-0107-23
HOLE DIAMETER : 5"
LOCATION : Malestorm 15-1 SWD 32°2'28.43"N, 103°39'35.87"W
LAI GEOLOGIST : M. Larson
DRILLING CONTRACTOR : Scarborough Drilling
DRILLING METHOD : Air Rotary

NGL Tie In (07.26.2024)



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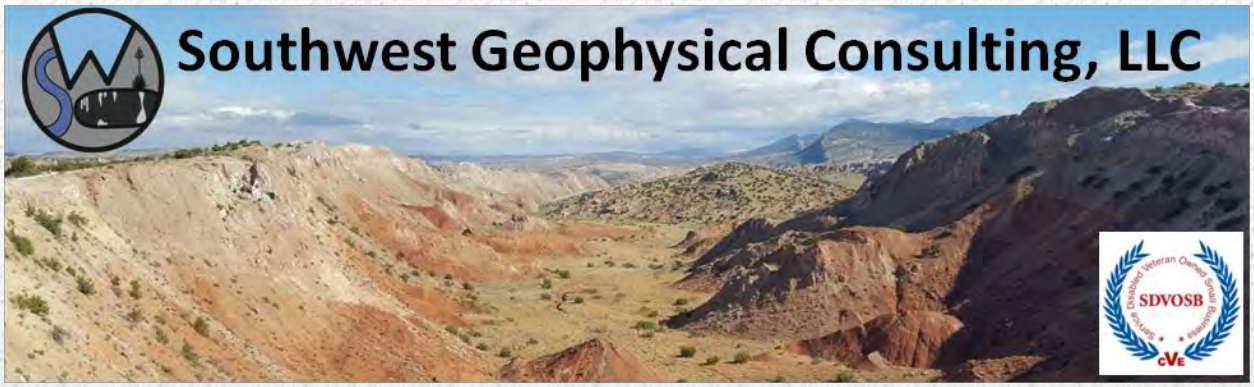

Cave and Karst Resource Inventory Report
Salado Draw Pasture Release
Lea County, New Mexico

Prepared for:

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

☐ **Positive within 200 feet of spill delineation boundary**

☑ **Negative within 200 feet of spill delineation boundary**

☐ **Karst Monitor Recommended**

September 13, 2024

CARM-002-20240814

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Published by:
Southwest Geophysical Consulting, LLC
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1.0 INTRODUCTION

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

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

1.1 Goals of this Study

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

1.2 Summary of Findings

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

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

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

1.3 Affected Environment

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

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

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

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

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

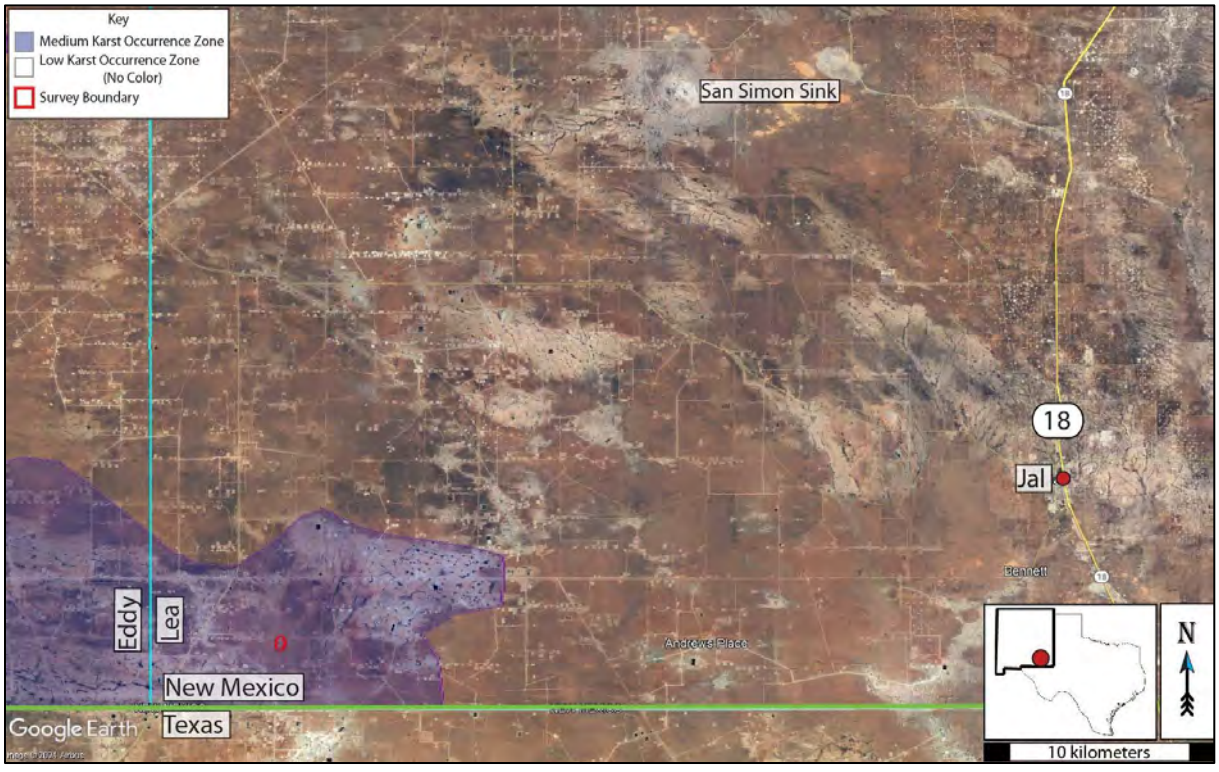

Figure 1: Karst occurrence overview. Background image: Google Earth. Image date: January 5, 2024. Datum: WGS-84.

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

1.4 Limitations of Report

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

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

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

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

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The SDPR project site is located in Lea County, New Mexico, 44.2 kilometers (27.4 miles) west-southwest of Jal, New Mexico (**Figure 1** and **Figure 2**). The release is located within the NW ¼ section of section 23 of NM T26S R32E[5]. The region is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January[6]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map[7] and the vegetation consists mostly of areas of grass, sparse creosote, and sparse yucca, with very good visibility in most locations. See section ***2.2 Local Geology*** for the geology of the area. The entirety of the survey is within an MKOZ (**Figure 1**) and within BLM-CFO managed land (**Figure 2**).

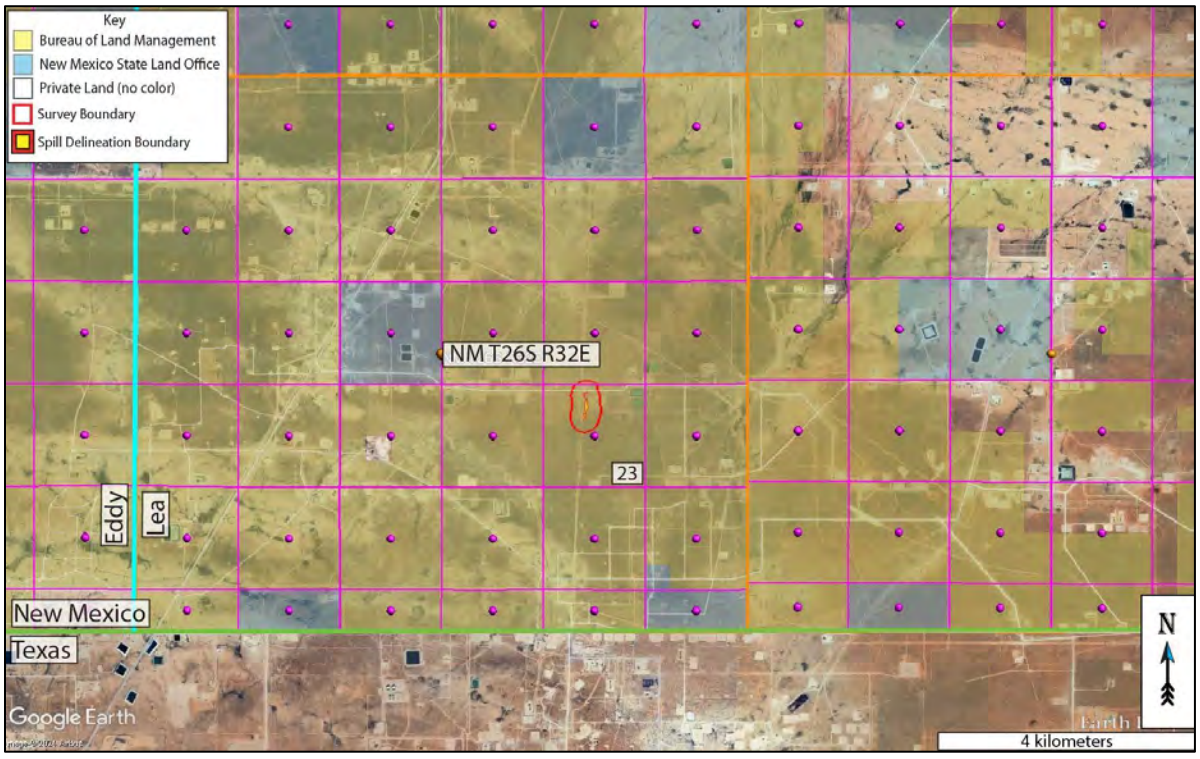

Figure 2: Land ownership[8] and PLSS[5] overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.2 Local Geology Summary

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

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

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

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

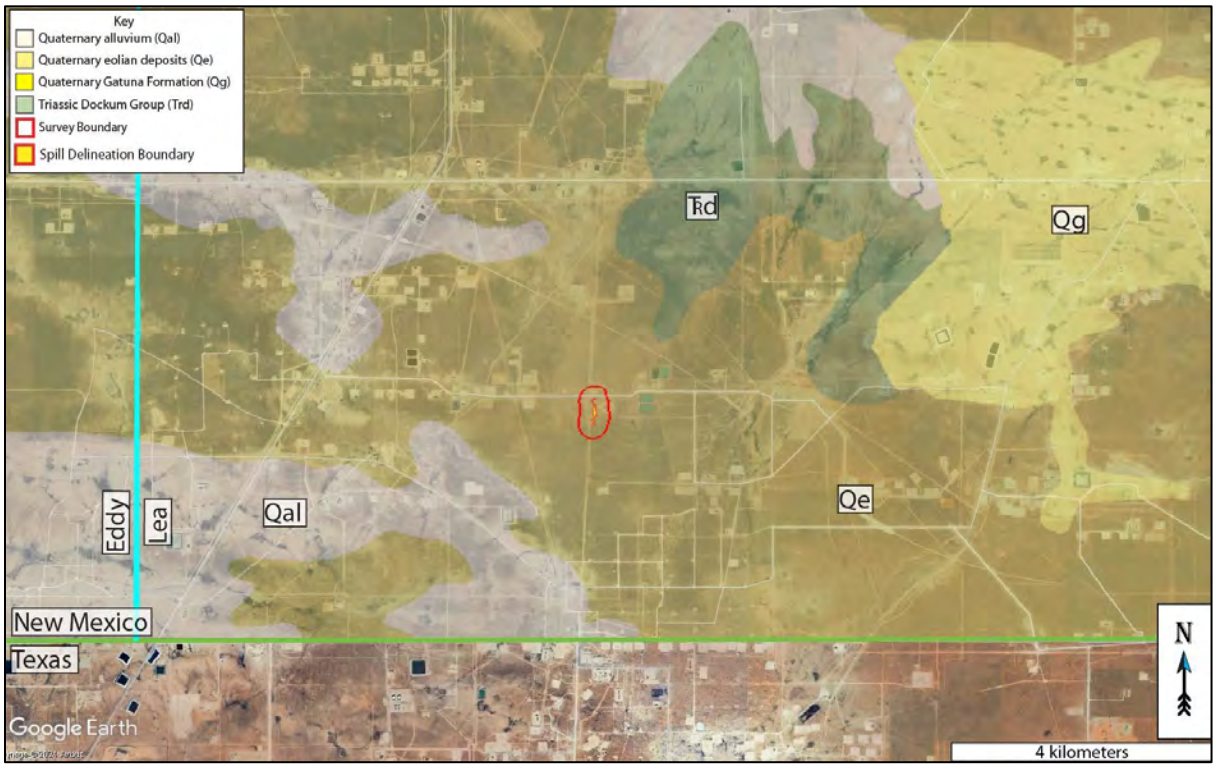

Figure 3: Geology overview. Map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format[9], and Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.3 Description of Survey

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

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

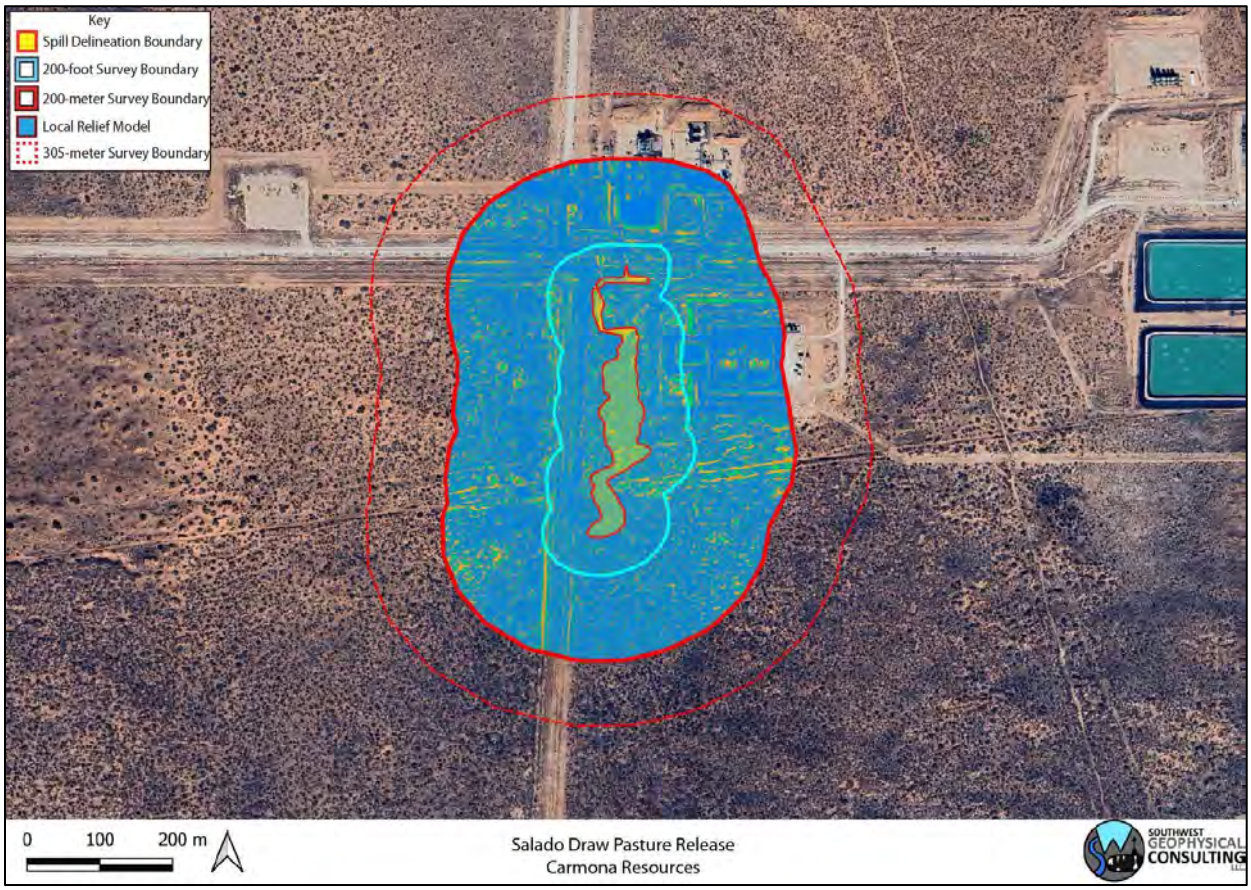

Figure 4: Survey overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

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

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

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

2.4 Description of Karst Features

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

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

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

3.0 RECOMMENDATIONS

3.1 Summary

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

3.2 Disclosure Statement

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

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

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

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

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

blm_nm_karst@blm.gov

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

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

4.0 REFERENCES

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17 Decker, D. D. & Jorgensen, G. L. in *Southwest Geophysical Cave and Karst Database* (ed LLC Southwest Geophysical Consulting) (Albuquerque, NM, 2023).

5.0 GLOSSARY OF TERMS AND ABBREVIATIONS

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

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

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

6.0 ATTESTATION

David D. Decker, PhD, PG, CPG
Chief Executive Officer, Principal Geologist
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
dave@swgeophys.com
(505) 585-2550

CERTIFICATE OF AUTHOR

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

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

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

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

David D. Decker
PhD, CPG-12123

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

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JOB DESCRIPTION

Salado Draw 23 CTB
23-0102-07

JOB NUMBER

880-36992-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Eurofins Midland

Job Notes

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

Authorization

Holly Taylor

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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Laboratory Job ID: 880-36992-1
SDG: 23-0102-07

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-36992-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

Qualifiers

GC 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.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Larson & Associates, Inc.
Project: Salado Draw 23 CTB

Job ID: 880-36992-1

Job ID: 880-36992-1 Eurofins Midland

Job Narrative
880-36992-1

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 12/15/2023 8:42 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.2°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 1-2' (880-36992-1), S-2 1-2' (880-36992-2), S-3 1-2' (880-36992-3), S-4 1-2' (880-36992-4), S-5 1-2' (880-36992-5), S-6 0-.5' (880-36992-6) and S-7 0-.5' (880-36992-7).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 1-2' (880-36992-1), S-2 1-2' (880-36992-2), S-3 1-2' (880-36992-3), S-4 1-2' (880-36992-4), S-5 1-2' (880-36992-5), S-6 0-.5' (880-36992-6), S-7 0-.5' (880-36992-7), (CCV 880-69345/30), (CCV 880-69345/43), (LCS 880-69218/1-A), (LCSD 880-69218/2-A) and (880-36940-A-1-E). 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: (MB 880-69345/8). Evidence of matrix interferences is not obvious.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-69419/20) and (CCV 880-69419/5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 1-2' (880-36992-1), S-2 1-2' (880-36992-2), S-3 1-2' (880-36992-3), S-4 1-2' (880-36992-4), S-5 1-2' (880-36992-5), S-6 0-.5' (880-36992-6), S-7 0-.5' (880-36992-7), (880-36992-A-1-D MS) and (880-36992-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-69358 and analytical batch 880-69419 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-1 1-2'

Lab Sample ID: 880-36992-1
Matrix: Solid
Date Collected: 12/12/23 12:20
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 19:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*213*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 19:45*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*12/15/23 14:31*	*12/19/23 19:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/19/23 19:45	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/20/23 11:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		12/19/23 10:36	12/20/23 11:15	1
Diesel Range Organics (Over C10-C28)	<50.3	U F1	50.3		mg/Kg		12/19/23 10:36	12/20/23 11:15	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/19/23 10:36	12/20/23 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*154*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 11:15*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*12/19/23 10:36*	*12/20/23 11:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.4**		4.97		mg/Kg			12/18/23 11:06	1

Client Sample ID: S-2 1-2'

Lab Sample ID: 880-36992-2
Matrix: Solid
Date Collected: 12/12/23 12:30
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/15/23 14:31	12/19/23 20:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/15/23 14:31	12/19/23 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*171*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 20:11*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*12/15/23 14:31*	*12/19/23 20:11*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-2 1-2'

Lab Sample ID: 880-36992-2
Matrix: Solid
Date Collected: 12/12/23 12:30
Date Received: 12/15/23 08:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/19/23 20:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/20/23 12:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		12/19/23 10:36	12/20/23 12:21	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/19/23 10:36	12/20/23 12:21	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/19/23 10:36	12/20/23 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*158*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 12:21*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*12/19/23 10:36*	*12/20/23 12:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.8**		5.02		mg/Kg			12/18/23 11:21	1

Client Sample ID: S-3 1-2'

Lab Sample ID: 880-36992-3
Matrix: Solid
Date Collected: 12/12/23 12:40
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 20:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*212*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 20:37*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*12/15/23 14:31*	*12/19/23 20:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/19/23 20:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/20/23 12:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		12/19/23 10:36	12/20/23 12:43	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		12/19/23 10:36	12/20/23 12:43	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-3 1-2'

Lab Sample ID: 880-36992-3
Matrix: Solid
Date Collected: 12/12/23 12:40
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/19/23 10:36	12/20/23 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*147*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 12:43*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*12/19/23 10:36*	*12/20/23 12:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1920**		25.3		mg/Kg			12/18/23 11:26	5

Client Sample ID: S-4 1-2'

Lab Sample ID: 880-36992-4
Matrix: Solid
Date Collected: 12/12/23 12:50
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 22:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/15/23 14:31	12/19/23 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 22:22*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*12/15/23 14:31*	*12/19/23 22:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/19/23 22:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/20/23 13:05	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 13:05	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 13:05	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*156*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 13:05*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*12/19/23 10:36*	*12/20/23 13:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		4.98		mg/Kg			12/18/23 11:30	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-5 1-2'

Lab Sample ID: 880-36992-5
Matrix: Solid
Date Collected: 12/12/23 13:00
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/15/23 14:31	12/19/23 22:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/15/23 14:31	12/19/23 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*210*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 22:47*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*12/15/23 14:31*	*12/19/23 22:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/19/23 22:47	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/20/23 13:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 13:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 13:26	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*178*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 13:26*	*1*
o-Terphenyl (Surr)	*150*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 13:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1660**		25.1		mg/Kg			12/18/23 11:35	5

Client Sample ID: S-6 0-.5'

Lab Sample ID: 880-36992-6
Matrix: Solid
Date Collected: 12/12/23 14:20
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/20/23 11:05	12/20/23 22:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/20/23 11:05	12/20/23 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*12/20/23 11:05*	*12/20/23 22:28*	*1*
1,4-Difluorobenzene (Surr)	*125*		*70 - 130*	*12/20/23 11:05*	*12/20/23 22:28*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-6 0-.5'

Lab Sample ID: 880-36992-6
Matrix: Solid
Date Collected: 12/12/23 14:20
Date Received: 12/15/23 08:42

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/20/23 22:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/20/23 13:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/19/23 10:36	12/20/23 13:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/19/23 10:36	12/20/23 13:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/19/23 10:36	12/20/23 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*157*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 13:48*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*12/19/23 10:36*	*12/20/23 13:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.71**		4.98		mg/Kg			12/18/23 11:40	1

Client Sample ID: S-7 0-.5'

Lab Sample ID: 880-36992-7
Matrix: Solid
Date Collected: 12/12/23 14:35
Date Received: 12/15/23 08:42

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/23 14:31	12/19/23 23:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/23 14:31	12/19/23 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*227*	*S1+*	*70 - 130*	*12/15/23 14:31*	*12/19/23 23:40*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*12/15/23 14:31*	*12/19/23 23:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/19/23 23:40	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/20/23 14:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 14:10	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 14:10	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-7 0-.5'
Date Collected: 12/12/23 14:35
Date Received: 12/15/23 08:42

Lab Sample ID: 880-36992-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/19/23 10:36	12/20/23 14:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*155*	*S1+*	*70 - 130*	*12/19/23 10:36*	*12/20/23 14:10*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*12/19/23 10:36*	*12/20/23 14:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			12/18/23 11:45	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-36992-1	S-1 1-2'	213 S1+	77
880-36992-2	S-2 1-2'	171 S1+	78
880-36992-3	S-3 1-2'	212 S1+	108
880-36992-4	S-4 1-2'	158 S1+	71
880-36992-5	S-5 1-2'	210 S1+	97
880-36992-6	S-6 0-.5'	124	125
880-36992-7	S-7 0-.5'	227 S1+	109
LCS 880-69218/1-A	Lab Control Sample	159 S1+	82
LCS 880-69453/1-A	Lab Control Sample	104	97
LCSD 880-69218/2-A	Lab Control Sample Dup	177 S1+	114
LCSD 880-69453/2-A	Lab Control Sample Dup	105	105
MB 880-69218/5-A	Method Blank	111	81
MB 880-69345/8	Method Blank	122	68 S1-
MB 880-69453/5-A	Method Blank	106	116

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-36992-1	S-1 1-2'	154 S1+	126
880-36992-1 MS	S-1 1-2'	150 S1+	106
880-36992-1 MSD	S-1 1-2'	145 S1+	101
880-36992-2	S-2 1-2'	158 S1+	130
880-36992-3	S-3 1-2'	147 S1+	121
880-36992-4	S-4 1-2'	156 S1+	127
880-36992-5	S-5 1-2'	178 S1+	150 S1+
880-36992-6	S-6 0-.5'	157 S1+	129
880-36992-7	S-7 0-.5'	155 S1+	130
LCS 880-69358/2-A	Lab Control Sample	87	76
LCSD 880-69358/3-A	Lab Control Sample Dup	87	73
MB 880-69358/1-A	Method Blank	127	117

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-69218/5-A
Matrix: Solid
Analysis Batch: 69345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69218

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/23 14:31	12/19/23 16:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/23 14:31	12/19/23 16:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*12/15/23 14:31*	*12/19/23 16:16*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*12/15/23 14:31*	*12/19/23 16:16*	*1*

Lab Sample ID: LCS 880-69218/1-A
Matrix: Solid
Analysis Batch: 69345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69218

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08617		mg/Kg		86	70 - 130		
Toluene			0.100	0.09539		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.1005		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.1980		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09997		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: LCSD 880-69218/2-A
Matrix: Solid
Analysis Batch: 69345

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69218

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1054		mg/Kg		105	70 - 130	20	35
Toluene			0.100	0.1148		mg/Kg		115	70 - 130	18	35
Ethylbenzene			0.100	0.1148		mg/Kg		115	70 - 130	13	35
m,p-Xylenes			0.200	0.2418		mg/Kg		121	70 - 130	20	35
o-Xylene			0.100	0.1138		mg/Kg		114	70 - 130	13	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: MB 880-69345/8
Matrix: Solid
Analysis Batch: 69345

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			12/19/23 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg			12/19/23 11:55	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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

Lab Sample ID: MB 880-69345/8
Matrix: Solid
Analysis Batch: 69345

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			12/19/23 11:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg			12/19/23 11:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			12/19/23 11:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			12/19/23 11:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*		*12/19/23 11:55*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*		*12/19/23 11:55*	*1*

Lab Sample ID: MB 880-69453/5-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69453

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/20/23 11:05	12/20/23 17:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/20/23 11:05	12/20/23 17:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/20/23 11:05*	*12/20/23 17:06*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*12/20/23 11:05*	*12/20/23 17:06*	*1*

Lab Sample ID: LCS 880-69453/1-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69453

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08890		mg/Kg		89	70 - 130		
Toluene			0.100	0.09073		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.09413		mg/Kg		94	70 - 130		
m,p-Xylenes			0.200	0.1713		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.09652		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-69453/2-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69453

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09011		mg/Kg		90	70 - 130	1	35
Toluene			0.100	0.08485		mg/Kg		85	70 - 130	7	35
Ethylbenzene			0.100	0.08198		mg/Kg		82	70 - 130	14	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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

Lab Sample ID: LCSD 880-69453/2-A
Matrix: Solid
Analysis Batch: 69481

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69453

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes			0.200	0.1575		mg/Kg		79	70 - 130	8	35
o-Xylene			0.100	0.09546		mg/Kg		95	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

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

Lab Sample ID: MB 880-69358/1-A
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69358

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 08:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 08:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/23 10:36	12/20/23 08:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*12/19/23 10:36*	*12/20/23 08:40*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*12/19/23 10:36*	*12/20/23 08:40*	*1*

Lab Sample ID: LCS 880-69358/2-A
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69358

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1122		mg/Kg		112	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1248		mg/Kg		125	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*87*		*70 - 130*
o-Terphenyl (Surr)	*76*		*70 - 130*

Lab Sample ID: LCSD 880-69358/3-A
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69358

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1123		mg/Kg		112	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1237		mg/Kg		124	70 - 130	1	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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

Lab Sample ID: LCSD 880-69358/3-A
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69358

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	73		70 - 130

Lab Sample ID: 880-36992-1 MS
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: S-1 1-2'
Prep Type: Total/NA
Prep Batch: 69358

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	997	839.8		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<50.3	U F1	997	1359	F1	mg/Kg		134	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: 880-36992-1 MSD
Matrix: Solid
Analysis Batch: 69419

Client Sample ID: S-1 1-2'
Prep Type: Total/NA
Prep Batch: 69358

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	<50.3	U	997	833.8		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U F1	997	1311		mg/Kg		129	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	145	S1+	70 - 130
o-Terphenyl (Surr)	101		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69213/1-A
Matrix: Solid
Analysis Batch: 69304

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/18/23 10:22	1

Lab Sample ID: LCS 880-69213/2-A
Matrix: Solid
Analysis Batch: 69304

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	261.7		mg/Kg		105	90 - 110

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-69213/3-A
Matrix: Solid
Analysis Batch: 69304

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	259.8		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-36992-7 MS
Matrix: Solid
Analysis Batch: 69304

Client Sample ID: S-7 0-.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<4.95	U	248	247.2		mg/Kg		99	90 - 110		

Lab Sample ID: 880-36992-7 MSD
Matrix: Solid
Analysis Batch: 69304

Client Sample ID: S-7 0-.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.95	U	248	244.2		mg/Kg		98	90 - 110	1	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

GC VOA

Prep Batch: 69218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	5035	
880-36992-2	S-2 1-2'	Total/NA	Solid	5035	
880-36992-3	S-3 1-2'	Total/NA	Solid	5035	
880-36992-4	S-4 1-2'	Total/NA	Solid	5035	
880-36992-5	S-5 1-2'	Total/NA	Solid	5035	
880-36992-7	S-7 0-.5'	Total/NA	Solid	5035	
MB 880-69218/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69218/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69218/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 69345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	8021B	69218
880-36992-2	S-2 1-2'	Total/NA	Solid	8021B	69218
880-36992-3	S-3 1-2'	Total/NA	Solid	8021B	69218
880-36992-4	S-4 1-2'	Total/NA	Solid	8021B	69218
880-36992-5	S-5 1-2'	Total/NA	Solid	8021B	69218
880-36992-7	S-7 0-.5'	Total/NA	Solid	8021B	69218
MB 880-69218/5-A	Method Blank	Total/NA	Solid	8021B	69218
MB 880-69345/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-69218/1-A	Lab Control Sample	Total/NA	Solid	8021B	69218
LCSD 880-69218/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69218

Prep Batch: 69453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-6	S-6 0-.5'	Total/NA	Solid	5035	
MB 880-69453/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69453/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69453/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 69481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-6	S-6 0-.5'	Total/NA	Solid	8021B	69453
MB 880-69453/5-A	Method Blank	Total/NA	Solid	8021B	69453
LCS 880-69453/1-A	Lab Control Sample	Total/NA	Solid	8021B	69453
LCSD 880-69453/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69453

Analysis Batch: 69496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	Total BTEX	
880-36992-2	S-2 1-2'	Total/NA	Solid	Total BTEX	
880-36992-3	S-3 1-2'	Total/NA	Solid	Total BTEX	
880-36992-4	S-4 1-2'	Total/NA	Solid	Total BTEX	
880-36992-5	S-5 1-2'	Total/NA	Solid	Total BTEX	
880-36992-6	S-6 0-.5'	Total/NA	Solid	Total BTEX	
880-36992-7	S-7 0-.5'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

GC Semi VOA

Prep Batch: 69358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-2	S-2 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-3	S-3 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-4	S-4 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-5	S-5 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-6	S-6 0-.5'	Total/NA	Solid	8015NM Prep	
880-36992-7	S-7 0-.5'	Total/NA	Solid	8015NM Prep	
MB 880-69358/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69358/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69358/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-36992-1 MS	S-1 1-2'	Total/NA	Solid	8015NM Prep	
880-36992-1 MSD	S-1 1-2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 69419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-2	S-2 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-3	S-3 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-4	S-4 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-5	S-5 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-6	S-6 0-.5'	Total/NA	Solid	8015B NM	69358
880-36992-7	S-7 0-.5'	Total/NA	Solid	8015B NM	69358
MB 880-69358/1-A	Method Blank	Total/NA	Solid	8015B NM	69358
LCS 880-69358/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69358
LCSD 880-69358/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69358
880-36992-1 MS	S-1 1-2'	Total/NA	Solid	8015B NM	69358
880-36992-1 MSD	S-1 1-2'	Total/NA	Solid	8015B NM	69358

Analysis Batch: 69564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Total/NA	Solid	8015 NM	
880-36992-2	S-2 1-2'	Total/NA	Solid	8015 NM	
880-36992-3	S-3 1-2'	Total/NA	Solid	8015 NM	
880-36992-4	S-4 1-2'	Total/NA	Solid	8015 NM	
880-36992-5	S-5 1-2'	Total/NA	Solid	8015 NM	
880-36992-6	S-6 0-.5'	Total/NA	Solid	8015 NM	
880-36992-7	S-7 0-.5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 69213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Soluble	Solid	DI Leach	
880-36992-2	S-2 1-2'	Soluble	Solid	DI Leach	
880-36992-3	S-3 1-2'	Soluble	Solid	DI Leach	
880-36992-4	S-4 1-2'	Soluble	Solid	DI Leach	
880-36992-5	S-5 1-2'	Soluble	Solid	DI Leach	
880-36992-6	S-6 0-.5'	Soluble	Solid	DI Leach	
880-36992-7	S-7 0-.5'	Soluble	Solid	DI Leach	
MB 880-69213/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69213/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-36992-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

HPLC/IC (Continued)

Leach Batch: 69213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-69213/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-36992-7 MS	S-7 0-.5'	Soluble	Solid	DI Leach	
880-36992-7 MSD	S-7 0-.5'	Soluble	Solid	DI Leach	

Analysis Batch: 69304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-36992-1	S-1 1-2'	Soluble	Solid	300.0	69213
880-36992-2	S-2 1-2'	Soluble	Solid	300.0	69213
880-36992-3	S-3 1-2'	Soluble	Solid	300.0	69213
880-36992-4	S-4 1-2'	Soluble	Solid	300.0	69213
880-36992-5	S-5 1-2'	Soluble	Solid	300.0	69213
880-36992-6	S-6 0-.5'	Soluble	Solid	300.0	69213
880-36992-7	S-7 0-.5'	Soluble	Solid	300.0	69213
MB 880-69213/1-A	Method Blank	Soluble	Solid	300.0	69213
LCS 880-69213/2-A	Lab Control Sample	Soluble	Solid	300.0	69213
LCSD 880-69213/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69213
880-36992-7 MS	S-7 0-.5'	Soluble	Solid	300.0	69213
880-36992-7 MSD	S-7 0-.5'	Soluble	Solid	300.0	69213

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-1 1-2'

Date Collected: 12/12/23 12:20
Date Received: 12/15/23 08:42

Lab Sample ID: 880-36992-1
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			5.02 g	5 mL	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 19:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 11:15	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 11:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:06	CH	EET MID

Client Sample ID: S-2 1-2'

Date Collected: 12/12/23 12:30
Date Received: 12/15/23 08:42

Lab Sample ID: 880-36992-2
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			5.05 g	5 mL	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 20:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 20:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 12:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 12:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:21	CH	EET MID

Client Sample ID: S-3 1-2'

Date Collected: 12/12/23 12:40
Date Received: 12/15/23 08:42

Lab Sample ID: 880-36992-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 20:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 12:43	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 12:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		5			69304	12/18/23 11:26	CH	EET MID

Client Sample ID: S-4 1-2'

Date Collected: 12/12/23 12:50
Date Received: 12/15/23 08:42

Lab Sample ID: 880-36992-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 22:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 22:22	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-4 1-2'

Lab Sample ID: 880-36992-4
Matrix: Solid
Date Collected: 12/12/23 12:50
Date Received: 12/15/23 08:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69564	12/20/23 13:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 13:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:30	CH	EET MID

Client Sample ID: S-5 1-2'

Lab Sample ID: 880-36992-5
Matrix: Solid
Date Collected: 12/12/23 13:00
Date Received: 12/15/23 08:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 22:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 22:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 13:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 13:26	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		5			69304	12/18/23 11:35	CH	EET MID

Client Sample ID: S-6 0-.5'

Lab Sample ID: 880-36992-6
Matrix: Solid
Date Collected: 12/12/23 14:20
Date Received: 12/15/23 08:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69453	12/20/23 11:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69481	12/20/23 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/20/23 22:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 13:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 13:48	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:40	CH	EET MID

Client Sample ID: S-7 0-.5'

Lab Sample ID: 880-36992-7
Matrix: Solid
Date Collected: 12/12/23 14:35
Date Received: 12/15/23 08:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69218	12/15/23 14:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69345	12/19/23 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69496	12/19/23 23:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			69564	12/20/23 14:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	69358	12/19/23 10:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69419	12/20/23 14:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Client Sample ID: S-7 0-.5'
Date Collected: 12/12/23 14:35
Date Received: 12/15/23 08:42

Lab Sample ID: 880-36992-7
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	69213	12/15/23 13:12	SA	EET MID
Soluble	Analysis	300.0		1			69304	12/18/23 11:45	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

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: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-36992-1
SDG: 23-0102-07

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-36992-1	S-1 1-2'	Solid	12/12/23 12:20	12/15/23 08:42
880-36992-2	S-2 1-2'	Solid	12/12/23 12:30	12/15/23 08:42
880-36992-3	S-3 1-2'	Solid	12/12/23 12:40	12/15/23 08:42
880-36992-4	S-4 1-2'	Solid	12/12/23 12:50	12/15/23 08:42
880-36992-5	S-5 1-2'	Solid	12/12/23 13:00	12/15/23 08:42
880-36992-6	S-6 0-.5'	Solid	12/12/23 14:20	12/15/23 08:42
880-36992-7	S-7 0-.5'	Solid	12/12/23 14:35	12/15/23 08:42

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36992 No. 3214

CHAIN-OF-CUSTODY

12/21/2023

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE 12/15/2023 PAGE 1 OF 1

PO# _____ LAB WORK ORDER# _____

PROJECT LOCATION OR NAME. SALADO DRAW 23 CTB

LAI PROJECT # 23-0102-07 COLLECTOR STAN BATES

Data Reported to ROBERT NIELSON / MARK LARSON

TRRP report? ☐ Yes ☒ No

TIME ZONE Time zone/State: MNT

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-1 1-2'		12/12/23	12:20	S	1				X	X	X X X	2oz
S-2 1 2'		12/12/23	12:30		1							
S-3 1-2'		12/12/23	12'40		1							
S 4 1-2'		12/12/23	12 50		1							
S-5 1-2'		12/12/23	1 00		1							
S-6 0-0.5'		12/12/23	2'20		1							
S-7 0-0.5'		12/12/23	2'35		1							

ANALYSES: ☒ BTEX ☐ MTBE ☐ TPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☒ TPH 8015 ☐ GASOLINE MOD 8015 ☒ DIESEL - MOD 8015 ☐ OIL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ OTHER LIST ☐ LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

TOTAL

880-36992 Chain of Custody

RELINQUISHED BY (Signature) DATE/TIME 12/15/23 0842 RECEIVED BY (Signature)

RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature)

RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☑
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 5.4 / 5.2 THERM# IR8 #20
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 5/28/2025 9:36:07 AM

Released to Imaging: 7/15/2025 9:10:59 AM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-36992-1
SDG Number: 23-0102-07

Login Number: 36992
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Generated 1/2/2024 2:53:28 PM

JOB DESCRIPTION

Salado Draw 23 CTB
23-0102-07

JOB NUMBER

880-37327-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

Eurofins Midland

Job Notes

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

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

Authorization

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Authorized for release by
Holly Taylor, Project Manager
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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-37327-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

Qualifiers

GC 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.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Larson & Associates, Inc.
Project: Salado Draw 23 CTB

Job ID: 880-37327-1

Job ID: 880-37327-1 Eurofins Midland

Job Narrative
880-37327-1

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 12/28/2023 8:37 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-8 1-2' (880-37327-1), S-9 1-2' (880-37327-2), S-10 1-2' (880-37327-3), S-11 1-2' (880-37327-4), S-12 0-.5' (880-37327-5) and S-13 0-.5' (880-37327-6).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-70000 recovered under the lower control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-69941/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-10 1-2' (880-37327-3) and S-12 0-.5' (880-37327-5). 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 laboratory control sample (LCS) associated with preparation batch 880-69859 and analytical batch 880-69866 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-11 1-2' (880-37327-4), (LCS 880-69859/2-A) and (MB 880-69859/1-A). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-8 1-2'

Date Collected: 12/21/23 11:15
Date Received: 12/28/23 08:37

Lab Sample ID: 880-37327-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/29/23 08:23	12/29/23 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*12/29/23 08:23*	*12/29/23 19:33*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*12/29/23 08:23*	*12/29/23 19:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/29/23 19:33	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/28/23 19:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *-	49.8		mg/Kg		12/28/23 09:22	12/28/23 19:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/28/23 09:22	12/28/23 19:52	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/28/23 09:22	12/28/23 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*12/28/23 09:22*	*12/28/23 19:52*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*12/28/23 09:22*	*12/28/23 19:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1710**		24.9		mg/Kg			12/28/23 13:01	5

Client Sample ID: S-9 1-2'

Date Collected: 12/21/23 11:30
Date Received: 12/28/23 08:37

Lab Sample ID: 880-37327-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/29/23 08:23	12/29/23 19:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/29/23 08:23	12/29/23 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*12/29/23 08:23*	*12/29/23 19:52*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/29/23 08:23*	*12/29/23 19:52*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-9 1-2'

Date Collected: 12/21/23 11:30
Date Received: 12/28/23 08:37

Lab Sample ID: 880-37327-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/29/23 19:52	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/28/23 20:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U *-	49.6		mg/Kg		12/28/23 09:22	12/28/23 20:17	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		12/28/23 09:22	12/28/23 20:17	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/28/23 09:22	12/28/23 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*12/28/23 09:22*	*12/28/23 20:17*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*12/28/23 09:22*	*12/28/23 20:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.2**		4.96		mg/Kg			12/28/23 13:06	1

Client Sample ID: S-10 1-2'

Date Collected: 12/21/23 11:40
Date Received: 12/28/23 08:37

Lab Sample ID: 880-37327-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*12/29/23 08:23*	*12/29/23 20:19*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*12/29/23 08:23*	*12/29/23 20:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/29/23 20:19	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/28/23 20:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		12/28/23 09:22	12/28/23 20:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/23 09:22	12/28/23 20:38	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-10 1-2'

Lab Sample ID: 880-37327-3
Matrix: Solid
Date Collected: 12/21/23 11:40
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/23 09:22	12/28/23 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*12/28/23 09:22*	*12/28/23 20:38*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*12/28/23 09:22*	*12/28/23 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1390**		25.0		mg/Kg			12/28/23 13:11	5

Client Sample ID: S-11 1-2'

Lab Sample ID: 880-37327-4
Matrix: Solid
Date Collected: 12/21/23 11:50
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 20:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*12/29/23 08:23*	*12/29/23 20:46*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/29/23 08:23*	*12/29/23 20:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/29/23 20:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/28/23 21:03	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U *-	50.2		mg/Kg		12/28/23 09:22	12/28/23 21:03	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/28/23 09:22	12/28/23 21:03	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/28/23 09:22	12/28/23 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*15*	*S1-*	*70 - 130*	*12/28/23 09:22*	*12/28/23 21:03*	*1*
o-Terphenyl (Surr)	*21*	*S1-*	*70 - 130*	*12/28/23 09:22*	*12/28/23 21:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**197**		5.03		mg/Kg			12/28/23 13:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-12 0-.5'

Lab Sample ID: 880-37327-5
Matrix: Solid
Date Collected: 12/21/23 12:10
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/29/23 08:23	12/29/23 21:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/29/23 08:23	12/29/23 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*12/29/23 08:23*	*12/29/23 21:12*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*12/29/23 08:23*	*12/29/23 21:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/29/23 21:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/28/23 21:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U *-	50.3		mg/Kg		12/28/23 09:22	12/28/23 21:27	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/28/23 09:22	12/28/23 21:27	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/28/23 09:22	12/28/23 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*12/28/23 09:22*	*12/28/23 21:27*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*12/28/23 09:22*	*12/28/23 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.8**		4.98		mg/Kg			12/29/23 06:55	1

Client Sample ID: S-13 0-.5'

Lab Sample ID: 880-37327-6
Matrix: Solid
Date Collected: 12/21/23 12:20
Date Received: 12/28/23 08:37

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/28/23 15:53	12/30/23 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/28/23 15:53*	*12/30/23 19:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/28/23 15:53*	*12/30/23 19:59*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-13 0-.5'
Date Collected: 12/21/23 12:20
Date Received: 12/28/23 08:37

Lab Sample ID: 880-37327-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/30/23 19:59	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/28/23 21:51	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		12/28/23 09:22	12/28/23 21:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/28/23 09:22	12/28/23 21:51	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/28/23 09:22	12/28/23 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*12/28/23 09:22*	*12/28/23 21:51*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*12/28/23 09:22*	*12/28/23 21:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1900**		25.0		mg/Kg			12/29/23 07:00	5

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

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)
880-37327-1	S-8 1-2'	96	71
880-37327-2	S-9 1-2'	113	99
880-37327-3	S-10 1-2'	133 S1+	90
880-37327-4	S-11 1-2'	117	91
880-37327-5	S-12 0-.5'	141 S1+	111
880-37327-6	S-13 0-.5'	107	98
880-37327-6 MS	S-13 0-.5'	111	104
880-37327-6 MSD	S-13 0-.5'	108	105
LCS 880-69924/1-A	Lab Control Sample	108	103
LCS 880-69941/1-A	Lab Control Sample	108	79
LCSD 880-69924/2-A	Lab Control Sample Dup	113	96
LCSD 880-69941/2-A	Lab Control Sample Dup	107	84
MB 880-69924/5-A	Method Blank	112	122
MB 880-69941/5-A	Method Blank	64 S1-	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-37327-1	S-8 1-2'	89	97
880-37327-2	S-9 1-2'	107	116
880-37327-3	S-10 1-2'	95	101
880-37327-4	S-11 1-2'	15 S1-	21 S1-
880-37327-5	S-12 0-.5'	100	109
880-37327-6	S-13 0-.5'	97	105
LCS 880-69859/2-A	Lab Control Sample	123	141 S1+
LCSD 880-69859/3-A	Lab Control Sample Dup	101	110
MB 880-69859/1-A	Method Blank	43 S1-	54 S1-

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-69924/5-A
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69924

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/28/23 15:53	12/30/23 19:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/28/23 15:53	12/30/23 19:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*12/28/23 15:53*	*12/30/23 19:30*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*12/28/23 15:53*	*12/30/23 19:30*	*1*

Lab Sample ID: LCS 880-69924/1-A
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69924

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08287		mg/Kg		83	70 - 130		
Toluene			0.100	0.08366		mg/Kg		84	70 - 130		
Ethylbenzene			0.100	0.08532		mg/Kg		85	70 - 130		
m,p-Xylenes			0.200	0.1677		mg/Kg		84	70 - 130		
o-Xylene			0.100	0.09547		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-69924/2-A
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69924

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08518		mg/Kg		85	70 - 130	3	35
Toluene			0.100	0.08558		mg/Kg		86	70 - 130	2	35
Ethylbenzene			0.100	0.09078		mg/Kg		91	70 - 130	6	35
m,p-Xylenes			0.200	0.1811		mg/Kg		91	70 - 130	8	35
o-Xylene			0.100	0.1042		mg/Kg		104	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-37327-6 MS
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: S-13 0-.5'
Prep Type: Total/NA
Prep Batch: 69924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.08831		mg/Kg		89	70 - 130		
Toluene	<0.00200	U	0.0996	0.08402		mg/Kg		84	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

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

Lab Sample ID: 880-37327-6 MS
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: S-13 0-.5'
Prep Type: Total/NA
Prep Batch: 69924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.08826		mg/Kg		89	70 - 130
m,p-Xylenes	<0.00401	U	0.199	0.1785		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.0996	0.1033		mg/Kg		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-37327-6 MSD
Matrix: Solid
Analysis Batch: 70000

Client Sample ID: S-13 0-.5'
Prep Type: Total/NA
Prep Batch: 69924

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	0.09114		mg/Kg		92	70 - 130	3	35
Toluene	<0.00200	U	0.0990	0.08788		mg/Kg		89	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0990	0.08598		mg/Kg		87	70 - 130	3	35
m,p-Xylenes	<0.00401	U	0.198	0.1664		mg/Kg		84	70 - 130	7	35
o-Xylene	<0.00200	U	0.0990	0.09538		mg/Kg		96	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-69941/5-A
Matrix: Solid
Analysis Batch: 69936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69941

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/23 08:23	12/29/23 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/29/23 08:23	12/29/23 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*12/29/23 08:23*	*12/29/23 11:28*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/29/23 08:23*	*12/29/23 11:28*	*1*

Lab Sample ID: LCS 880-69941/1-A
Matrix: Solid
Analysis Batch: 69936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1031		mg/Kg		103	70 - 130
Toluene	0.100	0.1025		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130
m,p-Xylenes	0.200	0.2146		mg/Kg		107	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

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

Lab Sample ID: LCS 880-69941/1-A
Matrix: Solid
Analysis Batch: 69936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69941

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1069		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: LCSD 880-69941/2-A
Matrix: Solid
Analysis Batch: 69936

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69941

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09769		mg/Kg		98	70 - 130	5	35
Toluene			0.100	0.08625		mg/Kg		86	70 - 130	17	35
Ethylbenzene			0.100	0.1094		mg/Kg		109	70 - 130	4	35
m,p-Xylenes			0.200	0.2127		mg/Kg		106	70 - 130	1	35
o-Xylene			0.100	0.09742		mg/Kg		97	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

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

Lab Sample ID: MB 880-69859/1-A
Matrix: Solid
Analysis Batch: 69866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 69859

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/28/23 09:22	12/28/23 12:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/28/23 09:22	12/28/23 12:09	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/28/23 09:22	12/28/23 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*43*	*S1-*	*70 - 130*	*12/28/23 09:22*	*12/28/23 12:09*	*1*
o-Terphenyl (Surr)	*54*	*S1-*	*70 - 130*	*12/28/23 09:22*	*12/28/23 12:09*	*1*

Lab Sample ID: LCS 880-69859/2-A
Matrix: Solid
Analysis Batch: 69866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69859

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	783.4		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1020		mg/Kg		102	70 - 130		

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

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

Lab Sample ID: LCS 880-69859/2-A
Matrix: Solid
Analysis Batch: 69866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 69859

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	141	S1+	70 - 130

Lab Sample ID: LCSD 880-69859/3-A
Matrix: Solid
Analysis Batch: 69866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 69859

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	645.4	*-	mg/Kg		65	70 - 130	19	20
Diesel Range Organics (Over C10-C28)			1000	851.6		mg/Kg		85	70 - 130	18	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	110		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69849/1-A
Matrix: Solid
Analysis Batch: 69902

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/28/23 10:37	1

Lab Sample ID: LCS 880-69849/2-A
Matrix: Solid
Analysis Batch: 69902

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	234.5		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-69849/3-A
Matrix: Solid
Analysis Batch: 69902

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235.3		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-69844/1-A
Matrix: Solid
Analysis Batch: 69932

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			12/29/23 04:42	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-69844/2-A
Matrix: Solid
Analysis Batch: 69932

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.1		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-69844/3-A
Matrix: Solid
Analysis Batch: 69932

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	253.3		mg/Kg		101	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

GC VOA

Prep Batch: 69924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-6	S-13 0-.5'	Total/NA	Solid	5035	
MB 880-69924/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69924/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69924/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37327-6 MS	S-13 0-.5'	Total/NA	Solid	5035	
880-37327-6 MSD	S-13 0-.5'	Total/NA	Solid	5035	

Analysis Batch: 69936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	8021B	69941
880-37327-2	S-9 1-2'	Total/NA	Solid	8021B	69941
880-37327-3	S-10 1-2'	Total/NA	Solid	8021B	69941
880-37327-4	S-11 1-2'	Total/NA	Solid	8021B	69941
880-37327-5	S-12 0-.5'	Total/NA	Solid	8021B	69941
MB 880-69941/5-A	Method Blank	Total/NA	Solid	8021B	69941
LCS 880-69941/1-A	Lab Control Sample	Total/NA	Solid	8021B	69941
LCSD 880-69941/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69941

Prep Batch: 69941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	5035	
880-37327-2	S-9 1-2'	Total/NA	Solid	5035	
880-37327-3	S-10 1-2'	Total/NA	Solid	5035	
880-37327-4	S-11 1-2'	Total/NA	Solid	5035	
880-37327-5	S-12 0-.5'	Total/NA	Solid	5035	
MB 880-69941/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69941/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69941/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 70000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-6	S-13 0-.5'	Total/NA	Solid	8021B	69924
MB 880-69924/5-A	Method Blank	Total/NA	Solid	8021B	69924
LCS 880-69924/1-A	Lab Control Sample	Total/NA	Solid	8021B	69924
LCSD 880-69924/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69924
880-37327-6 MS	S-13 0-.5'	Total/NA	Solid	8021B	69924
880-37327-6 MSD	S-13 0-.5'	Total/NA	Solid	8021B	69924

Analysis Batch: 70056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	Total BTEX	
880-37327-2	S-9 1-2'	Total/NA	Solid	Total BTEX	
880-37327-3	S-10 1-2'	Total/NA	Solid	Total BTEX	
880-37327-4	S-11 1-2'	Total/NA	Solid	Total BTEX	
880-37327-5	S-12 0-.5'	Total/NA	Solid	Total BTEX	
880-37327-6	S-13 0-.5'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

GC Semi VOA

Prep Batch: 69859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	8015NM Prep	
880-37327-2	S-9 1-2'	Total/NA	Solid	8015NM Prep	
880-37327-3	S-10 1-2'	Total/NA	Solid	8015NM Prep	
880-37327-4	S-11 1-2'	Total/NA	Solid	8015NM Prep	
880-37327-5	S-12 0-.5'	Total/NA	Solid	8015NM Prep	
880-37327-6	S-13 0-.5'	Total/NA	Solid	8015NM Prep	
MB 880-69859/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69859/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69859/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 69866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	8015B NM	69859
880-37327-2	S-9 1-2'	Total/NA	Solid	8015B NM	69859
880-37327-3	S-10 1-2'	Total/NA	Solid	8015B NM	69859
880-37327-4	S-11 1-2'	Total/NA	Solid	8015B NM	69859
880-37327-5	S-12 0-.5'	Total/NA	Solid	8015B NM	69859
880-37327-6	S-13 0-.5'	Total/NA	Solid	8015B NM	69859
MB 880-69859/1-A	Method Blank	Total/NA	Solid	8015B NM	69859
LCS 880-69859/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69859
LCSD 880-69859/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69859

Analysis Batch: 69974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Total/NA	Solid	8015 NM	
880-37327-2	S-9 1-2'	Total/NA	Solid	8015 NM	
880-37327-3	S-10 1-2'	Total/NA	Solid	8015 NM	
880-37327-4	S-11 1-2'	Total/NA	Solid	8015 NM	
880-37327-5	S-12 0-.5'	Total/NA	Solid	8015 NM	
880-37327-6	S-13 0-.5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 69844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-5	S-12 0-.5'	Soluble	Solid	DI Leach	
880-37327-6	S-13 0-.5'	Soluble	Solid	DI Leach	
MB 880-69844/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69844/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69844/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 69849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Soluble	Solid	DI Leach	
880-37327-2	S-9 1-2'	Soluble	Solid	DI Leach	
880-37327-3	S-10 1-2'	Soluble	Solid	DI Leach	
880-37327-4	S-11 1-2'	Soluble	Solid	DI Leach	
MB 880-69849/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69849/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69849/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

HPLC/IC

Analysis Batch: 69902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-1	S-8 1-2'	Soluble	Solid	300.0	69849
880-37327-2	S-9 1-2'	Soluble	Solid	300.0	69849
880-37327-3	S-10 1-2'	Soluble	Solid	300.0	69849
880-37327-4	S-11 1-2'	Soluble	Solid	300.0	69849
MB 880-69849/1-A	Method Blank	Soluble	Solid	300.0	69849
LCS 880-69849/2-A	Lab Control Sample	Soluble	Solid	300.0	69849
LCSD 880-69849/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69849

Analysis Batch: 69932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37327-5	S-12 0-.5'	Soluble	Solid	300.0	69844
880-37327-6	S-13 0-.5'	Soluble	Solid	300.0	69844
MB 880-69844/1-A	Method Blank	Soluble	Solid	300.0	69844
LCS 880-69844/2-A	Lab Control Sample	Soluble	Solid	300.0	69844
LCSD 880-69844/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69844

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-8 1-2'

Lab Sample ID: 880-37327-1
Matrix: Solid
Date Collected: 12/21/23 11:15
Date Received: 12/28/23 08:37

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	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 19:33	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 19:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 19:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 19:52	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69849	12/28/23 09:30	CH	EET MID
Soluble	Analysis	300.0		5			69902	12/28/23 13:01	CH	EET MID

Client Sample ID: S-9 1-2'

Lab Sample ID: 880-37327-2
Matrix: Solid
Date Collected: 12/21/23 11:30
Date Received: 12/28/23 08:37

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	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 19:52	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 20:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 20:17	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	69849	12/28/23 09:30	CH	EET MID
Soluble	Analysis	300.0		1			69902	12/28/23 13:06	CH	EET MID

Client Sample ID: S-10 1-2'

Lab Sample ID: 880-37327-3
Matrix: Solid
Date Collected: 12/21/23 11:40
Date Received: 12/28/23 08:37

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	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 20:19	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 20:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 20:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 20:38	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69849	12/28/23 09:30	CH	EET MID
Soluble	Analysis	300.0		5			69902	12/28/23 13:11	CH	EET MID

Client Sample ID: S-11 1-2'

Lab Sample ID: 880-37327-4
Matrix: Solid
Date Collected: 12/21/23 11:50
Date Received: 12/28/23 08:37

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	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 20:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 20:46	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Client Sample ID: S-11 1-2'

Lab Sample ID: 880-37327-4
Matrix: Solid
Date Collected: 12/21/23 11:50
Date Received: 12/28/23 08:37

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			69974	12/28/23 21:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 21:03	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	69849	12/28/23 09:30	CH	EET MID
Soluble	Analysis	300.0		1			69902	12/28/23 13:16	CH	EET MID

Client Sample ID: S-12 0-.5'

Lab Sample ID: 880-37327-5
Matrix: Solid
Date Collected: 12/21/23 12:10
Date Received: 12/28/23 08:37

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	69941	12/29/23 08:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69936	12/29/23 21:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/29/23 21:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 21:27	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69844	12/28/23 16:10	SA	EET MID
Soluble	Analysis	300.0		1			69932	12/29/23 06:55	CH	EET MID

Client Sample ID: S-13 0-.5'

Lab Sample ID: 880-37327-6
Matrix: Solid
Date Collected: 12/21/23 12:20
Date Received: 12/28/23 08:37

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	69924	12/28/23 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	70000	12/30/23 19:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			70056	12/30/23 19:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			69974	12/28/23 21:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	69859	12/28/23 09:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69866	12/28/23 21:51	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69844	12/28/23 16:10	SA	EET MID
Soluble	Analysis	300.0		5			69932	12/29/23 07:00	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 880-37327-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc. Job ID: 880-37327-1
Project/Site: Salado Draw 23 CTB SDG: 23-0102-07

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: Larson & Associates, Inc.
Project/Site: Salado Draw 23 CTB

Job ID: 880-37327-1
SDG: 23-0102-07

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-37327-1	S-8 1-2'	Solid	12/21/23 11:15	12/28/23 08:37
880-37327-2	S-9 1-2'	Solid	12/21/23 11:30	12/28/23 08:37
880-37327-3	S-10 1-2'	Solid	12/21/23 11:40	12/28/23 08:37
880-37327-4	S-11 1-2'	Solid	12/21/23 11:50	12/28/23 08:37
880-37327-5	S-12 0-.5'	Solid	12/21/23 12:10	12/28/23 08:37
880-37327-6	S-13 0-.5'	Solid	12/21/23 12:20	12/28/23 08:37

37327

No. 3216

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE. 12/28/2023 PAGE 1 OF 1

PO#: LAB WORK ORDER#

PROJECT LOCATION OR NAME SALADO DRAW 23 CTB

LAI PROJECT # 23-0102-07 COLLECTOR STAN BATES

Data Reported to ROBERT NELSON / MARK LARSON

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE
Time zone/State
MST

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-8 1-2'		12/21/23	11:15	S					X		BTEX ☒ MTBE ☐ TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ OIL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ OTHER LIST ☐ LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	
S-9 1-2'		12/21/23	11:30	S								
S-10 1-2'		12/21/23	11:40	S								
S-11 1-2'		12/21/23	11:50	S								
S-12 0-.5'		12/21/23	12:10	S								
S-13 0-.5'		12/21/23	12:20	S								

880-37327 Chain of Custody

TOTAL 6

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
David Adams	12/28/2023 837	
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☒
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 3.6/3.8 THERM# IR8
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

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Received by OCD: 5/28/2025 9:36:07 AM
Page 25 of 26
Released to Imaging: 7/15/2025 9:10:59 AM
12/2/2024

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-37327-1
SDG Number: 23-0102-07

Login Number: 37327
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Generated 2/22/2024 1:00:21 PM

JOB DESCRIPTION

SD 23 CTB 2ND Spill
23-0102-07

JOB NUMBER

880-39450-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 7/15/2025 9:10:39 AM

my EOL

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
2/22/2024 1:00:21 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Larson & Associates, Inc. Job ID: 880-39450-1
Project: SD 23 CTB 2ND Spill

Job ID: 880-39450-1 Eurofins Midland

Job Narrative
880-39450-1

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 2/15/2024 8:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-3,3' (880-39450-1), S-3,5' (880-39450-2), S-4,3' (880-39450-3), S-4,5' (880-39450-4), S-5,3' (880-39450-5), S-5,5' (880-39450-6), S-8,3' (880-39450-7), S-8,5' (880-39450-8), S-10,3' (880-39450-9), S-10,5' (880-39450-10), S-13,1' (880-39450-11), S-13,3' (880-39450-12), S-13,5' (880-39450-13) and S-14,0-0.5 (880-39450-14).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-73291/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-39450-A-1-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-73799 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-73799/2).

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-13,3' (880-39450-12). 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 880-73297 and analytical batch 880-73423 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-4,3' (880-39450-3), S-4,5' (880-39450-4), S-5,3' (880-39450-5), S-8,3' (880-39450-7), S-10,3' (880-39450-9), S-10,5' (880-39450-10), S-13,1' (880-39450-11), S-13,3' (880-39450-12), S-13,5' (880-39450-13), S-14,0-0.5 (880-39450-14), (880-39450-A-1-F MS) and (880-39450-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-73297 and analytical batch 880-73423 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.

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-73228 and analytical batch 880-73299 were outside control limits. Sample matrix interference and/or non-homogeneity

Case Narrative

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project: SD 23 CTB 2ND Spill

Job ID: 880-39450-1 (Continued) Eurofins Midland

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: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-3,3'

Date Collected: 02/14/24 11:38
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 11:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*02/15/24 16:02*	*02/21/24 11:48*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/15/24 16:02*	*02/21/24 11:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/21/24 11:48	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			02/19/24 10:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.5	U F1	49.5		mg/Kg		02/15/24 17:12	02/19/24 10:29	1
Diesel Range Organics (Over C10-C28)	<49.5	U F1 F2	49.5		mg/Kg		02/15/24 17:12	02/19/24 10:29	1
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		02/15/24 17:12	02/19/24 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*17*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 10:29*	*1*
o-Terphenyl (Surr)	*10*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 10:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**348**		5.04		mg/Kg			02/16/24 17:30	1

Client Sample ID: S-3,5'

Date Collected: 02/14/24 11:39
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 12:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/15/24 16:02	02/21/24 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*02/15/24 16:02*	*02/21/24 12:29*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*02/15/24 16:02*	*02/21/24 12:29*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-3,5'

Lab Sample ID: 880-39450-2
Matrix: Solid
Date Collected: 02/14/24 11:39
Date Received: 02/15/24 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/21/24 12:29	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/19/24 11:37	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 11:37	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 11:37	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 11:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*02/15/24 17:12*	*02/19/24 11:37*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*02/15/24 17:12*	*02/19/24 11:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.6**		5.04		mg/Kg			02/16/24 17:50	1

Client Sample ID: S-4,3'

Lab Sample ID: 880-39450-3
Matrix: Solid
Date Collected: 02/14/24 11:41
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 12:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/15/24 16:02	02/21/24 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*02/15/24 16:02*	*02/21/24 12:50*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*02/15/24 16:02*	*02/21/24 12:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/21/24 12:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/19/24 12:00	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 12:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 12:00	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 12:00	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-4,3'

Date Collected: 02/14/24 11:41
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-3
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 12:00*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 12:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**736**		5.05		mg/Kg			02/16/24 17:57	1

Client Sample ID: S-4,5'

Date Collected: 02/14/24 11:42
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-4
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/15/24 16:02	02/21/24 13:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/15/24 16:02	02/21/24 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:11*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/21/24 13:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/19/24 12:22	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 12:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 12:22	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 12:22*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 12:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		4.99		mg/Kg			02/16/24 18:04	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-5,3'

Date Collected: 02/14/24 11:43
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 13:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/15/24 16:02	02/21/24 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:32*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/21/24 13:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/19/24 12:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.2	U	50.2		mg/Kg		02/15/24 17:12	02/19/24 12:44	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/15/24 17:12	02/19/24 12:44	1
OII Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/15/24 17:12	02/19/24 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*62*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 12:44*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 12:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2080**		24.8		mg/Kg			02/16/24 18:11	5

Client Sample ID: S-5,5'

Date Collected: 02/14/24 11:44
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-6
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/15/24 16:02	02/21/24 13:53	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		02/15/24 16:02	02/21/24 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:53*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*02/15/24 16:02*	*02/21/24 13:53*	*1*

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-5,5'

Lab Sample ID: 880-39450-6
Matrix: Solid
Date Collected: 02/14/24 11:44
Date Received: 02/15/24 08:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			02/21/24 13:53	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/19/24 13:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 13:07	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 13:07	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/15/24 17:12*	*02/19/24 13:07*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*02/15/24 17:12*	*02/19/24 13:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1770**		24.8		mg/Kg			02/16/24 18:17	5

Client Sample ID: S-8,3'

Lab Sample ID: 880-39450-7
Matrix: Solid
Date Collected: 02/14/24 11:50
Date Received: 02/15/24 08:40

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 14:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/15/24 16:02	02/21/24 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*02/15/24 16:02*	*02/21/24 14:15*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*02/15/24 16:02*	*02/21/24 14:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/21/24 14:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/19/24 13:30	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:30	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:30	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/15/24 17:12	02/19/24 13:30	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-8,3'

Date Collected: 02/14/24 11:50
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-7
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	64	S1-	70 - 130	02/15/24 17:12	02/19/24 13:30	1
o-Terphenyl (Surr)	66	S1-	70 - 130	02/15/24 17:12	02/19/24 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2720	F1	24.8	mg/Kg			02/16/24 18:24	5

Client Sample ID: S-8,5'

Date Collected: 02/14/24 11:51
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/15/24 16:02	02/21/24 14:35	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/15/24 16:02	02/21/24 14:35	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/15/24 16:02	02/21/24 14:35	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/15/24 16:02	02/21/24 14:35	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/15/24 16:02	02/21/24 14:35	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/15/24 16:02	02/21/24 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	02/15/24 16:02	02/21/24 14:35	1
1,4-Difluorobenzene (Surr)	90		70 - 130	02/15/24 16:02	02/21/24 14:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/21/24 14:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3	mg/Kg			02/19/24 13:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.3	U	50.3	mg/Kg		02/15/24 17:12	02/19/24 13:53	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3	mg/Kg		02/15/24 17:12	02/19/24 13:53	1
OII Range Organics (Over C28-C36)	<50.3	U	50.3	mg/Kg		02/15/24 17:12	02/19/24 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130	02/15/24 17:12	02/19/24 13:53	1
o-Terphenyl (Surr)	77		70 - 130	02/15/24 17:12	02/19/24 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	386		5.02	mg/Kg			02/16/24 18:55	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-10,3'

Date Collected: 02/14/24 11:58
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/15/24 15:33	02/22/24 02:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/15/24 15:33	02/22/24 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*02/15/24 15:33*	*02/22/24 02:26*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*02/15/24 15:33*	*02/22/24 02:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/22/24 02:26	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/19/24 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 14:16	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 14:16	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 14:16*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 14:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.8**		5.01		mg/Kg			02/16/24 19:02	1

Client Sample ID: S-10,5'

Date Collected: 02/14/24 11:59
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-10

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/15/24 16:02	02/21/24 17:23	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/15/24 16:02	02/21/24 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*02/15/24 16:02*	*02/21/24 17:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*02/15/24 16:02*	*02/21/24 17:23*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-10,5'

Date Collected: 02/14/24 11:59
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/21/24 17:23	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/19/24 14:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 14:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 14:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/15/24 17:12	02/19/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 14:39*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		5.04		mg/Kg			02/16/24 19:22	1

Client Sample ID: S-13,1'

Date Collected: 02/14/24 12:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 17:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/15/24 16:02	02/21/24 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*02/15/24 16:02*	*02/21/24 17:44*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/15/24 16:02*	*02/21/24 17:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/21/24 17:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/19/24 15:28	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 15:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 15:28	1
OII Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/15/24 17:12	02/19/24 15:28	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-13,1'

Date Collected: 02/14/24 12:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-11
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*26*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 15:28*	*1*
o-Terphenyl (Surr)	*18*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 15:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**430**		25.0	mg/Kg			02/16/24 19:28	5

Client Sample ID: S-13,3'

Date Collected: 02/14/24 12:02
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-12
Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/15/24 16:02	02/21/24 18:05	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/15/24 16:02	02/21/24 18:05	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/15/24 16:02	02/21/24 18:05	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/15/24 16:02	02/21/24 18:05	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/15/24 16:02	02/21/24 18:05	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/15/24 16:02	02/21/24 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*02/15/24 16:02*	*02/21/24 18:05*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/21/24 18:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6	mg/Kg			02/19/24 15:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<49.6	U	49.6	mg/Kg		02/15/24 17:12	02/19/24 15:51	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6	mg/Kg		02/15/24 17:12	02/19/24 15:51	1
OII Range Organics (Over C28-C36)	<49.6	U	49.6	mg/Kg		02/15/24 17:12	02/19/24 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*34*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 15:51*	*1*
o-Terphenyl (Surr)	*28*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 15:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		4.98	mg/Kg			02/16/24 19:35	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-13,5'

Date Collected: 02/14/24 12:03
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-13
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/15/24 16:02	02/21/24 18:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/15/24 16:02	02/21/24 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:25*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/21/24 18:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/19/24 16:25	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 16:25	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 16:25	1
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/15/24 17:12	02/19/24 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*41*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 16:25*	*1*
o-Terphenyl (Surr)	*32*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 16:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		4.99		mg/Kg			02/16/24 19:42	1

Client Sample ID: S-14,0-0.5

Date Collected: 02/14/24 11:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 18:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/15/24 16:02	02/21/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*02/15/24 16:02*	*02/21/24 18:46*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-14,0-0.5

Date Collected: 02/14/24 11:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-14

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/21/24 18:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			02/19/24 16:49	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 16:49	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 16:49	1
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		02/15/24 17:12	02/19/24 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*17*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 16:49*	*1*
o-Terphenyl (Surr)	*6*	*S1-*	*70 - 130*	*02/15/24 17:12*	*02/19/24 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.3**		4.97		mg/Kg			02/16/24 19:49	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

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)
880-39450-1	S-3,3'	78	90
880-39450-1 MS	S-3,3'	69 S1-	116
880-39450-1 MSD	S-3,3'	107	120
880-39450-2	S-3,5'	76	89
880-39450-3	S-4,3'	83	97
880-39450-4	S-4,5'	78	101
880-39450-5	S-5,3'	74	95
880-39450-6	S-5,5'	80	100
880-39450-7	S-8,3'	76	92
880-39450-8	S-8,5'	81	90
880-39450-9	S-10,3'	109	106
880-39450-10	S-10,5'	85	99
880-39450-11	S-13,1'	87	98
880-39450-12	S-13,3'	66 S1-	102
880-39450-13	S-13,5'	88	93
880-39450-14	S-14,0-0.5	81	98
LCS 880-73284/1-A	Lab Control Sample	96	108
LCS 880-73291/1-A	Lab Control Sample	84	111
LCSD 880-73284/2-A	Lab Control Sample Dup	93	104
LCSD 880-73291/2-A	Lab Control Sample Dup	96	126
MB 880-73284/5-A	Method Blank	74	101
MB 880-73291/5-A	Method Blank	65 S1-	104

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)
880-39450-1	S-3,3'	17 S1-	10 S1-
880-39450-1 MS	S-3,3'	29 S1-	21 S1-
880-39450-1 MSD	S-3,3'	21 S1-	10 S1-
880-39450-2	S-3,5'	95	93
880-39450-3	S-4,3'	67 S1-	67 S1-
880-39450-4	S-4,5'	69 S1-	67 S1-
880-39450-5	S-5,3'	62 S1-	63 S1-
880-39450-6	S-5,5'	82	85
880-39450-7	S-8,3'	64 S1-	66 S1-
880-39450-8	S-8,5'	75	77
880-39450-9	S-10,3'	66 S1-	65 S1-
880-39450-10	S-10,5'	65 S1-	66 S1-
880-39450-11	S-13,1'	26 S1-	18 S1-
880-39450-12	S-13,3'	34 S1-	28 S1-
880-39450-13	S-13,5'	41 S1-	32 S1-
880-39450-14	S-14,0-0.5	17 S1-	6 S1-
LCS 880-73297/2-A	Lab Control Sample	102	105

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
LCSD 880-73297/3-A	Lab Control Sample Dup	111	113								
MB 880-73297/1-A	Method Blank	119	137 S1+								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-73284/5-A
Matrix: Solid
Analysis Batch: 73799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73284

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 15:33	02/21/24 18:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/15/24 15:33	02/21/24 18:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*02/15/24 15:33*	*02/21/24 18:43*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*02/15/24 15:33*	*02/21/24 18:43*	*1*

Lab Sample ID: LCS 880-73284/1-A
Matrix: Solid
Analysis Batch: 73799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73284

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1305		mg/Kg		130	70 - 130		
Toluene			0.100	0.1001		mg/Kg		100	70 - 130		
Ethylbenzene			0.100	0.09525		mg/Kg		95	70 - 130		
m,p-Xylenes			0.200	0.1853		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.09366		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-73284/2-A
Matrix: Solid
Analysis Batch: 73799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73284

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1169		mg/Kg		117	70 - 130	11	35
Toluene			0.100	0.09440		mg/Kg		94	70 - 130	6	35
Ethylbenzene			0.100	0.09104		mg/Kg		91	70 - 130	5	35
m,p-Xylenes			0.200	0.1784		mg/Kg		89	70 - 130	4	35
o-Xylene			0.100	0.08973		mg/Kg		90	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-73291/5-A
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73291

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 11:26	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

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

Lab Sample ID: MB 880-73291/5-A
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73291

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 11:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/15/24 16:02	02/21/24 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/15/24 16:02	02/21/24 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/15/24 16:02	02/21/24 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*02/15/24 16:02*	*02/21/24 11:26*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*02/15/24 16:02*	*02/21/24 11:26*	*1*

Lab Sample ID: LCS 880-73291/1-A
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73291

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1074		mg/Kg		107	70 - 130		
Toluene			0.100	0.09619		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.09181		mg/Kg		92	70 - 130		
m,p-Xylenes			0.200	0.1852		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.08961		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-73291/2-A
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1044		mg/Kg		104	70 - 130	3	35
Toluene			0.100	0.09432		mg/Kg		94	70 - 130	2	35
Ethylbenzene			0.100	0.09506		mg/Kg		95	70 - 130	3	35
m,p-Xylenes			0.200	0.1942		mg/Kg		97	70 - 130	5	35
o-Xylene			0.100	0.09309		mg/Kg		93	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*

Lab Sample ID: 880-39450-1 MS
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.100	0.1095		mg/Kg		109	70 - 130		
Toluene	<0.00199	U	0.100	0.08906		mg/Kg		89	70 - 130		
Ethylbenzene	<0.00199	U	0.100	0.08027		mg/Kg		80	70 - 130		
m,p-Xylenes	<0.00398	U	0.200	0.1602		mg/Kg		80	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

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

Lab Sample ID: 880-39450-1 MS
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00199	U	0.100	0.07832		mg/Kg		78	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: 880-39450-1 MSD
Matrix: Solid
Analysis Batch: 73714

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73291

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.1154		mg/Kg		115	70 - 130	5	35
Toluene	<0.00199	U	0.101	0.09840		mg/Kg		98	70 - 130	10	35
Ethylbenzene	<0.00199	U	0.101	0.1107		mg/Kg		110	70 - 130	32	35
m,p-Xylenes	<0.00398	U	0.201	0.2230		mg/Kg		111	70 - 130	33	35
o-Xylene	<0.00199	U	0.101	0.1068		mg/Kg		106	70 - 130	31	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*

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

Lab Sample ID: MB 880-73297/1-A
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73297

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	<50.0	U	50.0		mg/Kg		02/15/24 17:12	02/19/24 07:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/24 17:12	02/19/24 07:51	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/24 17:12	02/19/24 07:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*02/15/24 17:12*	*02/19/24 07:51*	*1*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*	*02/15/24 17:12*	*02/19/24 07:51*	*1*

Lab Sample ID: LCS 880-73297/2-A
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73297

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)			1000	1045		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1002		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

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

Lab Sample ID: LCS 880-73297/2-A
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73297

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-73297/3-A
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73297

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)			1000	1084		mg/Kg		108	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1050		mg/Kg		105	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	113		70 - 130

Lab Sample ID: 880-39450-1 MS
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)	<49.5	U F1	1010	288.0	F1	mg/Kg		26	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.5	U F1 F2	1010	210.6	F1	mg/Kg		17	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	29	S1-	70 - 130
o-Terphenyl (Surr)	21	S1-	70 - 130

Lab Sample ID: 880-39450-1 MSD
Matrix: Solid
Analysis Batch: 73423

Client Sample ID: S-3,3'
Prep Type: Total/NA
Prep Batch: 73297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	<49.5	U F1	1010	241.0	F1	mg/Kg		21	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	<49.5	U F1 F2	1010	119.2	F1 F2	mg/Kg		8	70 - 130	55	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	21	S1-	70 - 130
o-Terphenyl (Surr)	10	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-73228/1-A
Matrix: Solid
Analysis Batch: 73299

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/16/24 16:29	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-73228/2-A
Matrix: Solid
Analysis Batch: 73299

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	263.7		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-73228/3-A
Matrix: Solid
Analysis Batch: 73299

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	262.1		mg/Kg		105	90 - 110	1	20

Lab Sample ID: 880-39450-7 MS
Matrix: Solid
Analysis Batch: 73299

Client Sample ID: S-8,3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2720	F1	1240	4115	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 880-39450-7 MSD
Matrix: Solid
Analysis Batch: 73299

Client Sample ID: S-8,3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2720	F1	1240	4049		mg/Kg		108	90 - 110	2	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

GC VOA

Prep Batch: 73284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-9	S-10,3'	Total/NA	Solid	5035	
MB 880-73284/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-73284/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-73284/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 73291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	5035	
880-39450-2	S-3,5'	Total/NA	Solid	5035	
880-39450-3	S-4,3'	Total/NA	Solid	5035	
880-39450-4	S-4,5'	Total/NA	Solid	5035	
880-39450-5	S-5,3'	Total/NA	Solid	5035	
880-39450-6	S-5,5'	Total/NA	Solid	5035	
880-39450-7	S-8,3'	Total/NA	Solid	5035	
880-39450-8	S-8,5'	Total/NA	Solid	5035	
880-39450-10	S-10,5'	Total/NA	Solid	5035	
880-39450-11	S-13,1'	Total/NA	Solid	5035	
880-39450-12	S-13,3'	Total/NA	Solid	5035	
880-39450-13	S-13,5'	Total/NA	Solid	5035	
880-39450-14	S-14,0-0.5	Total/NA	Solid	5035	
MB 880-73291/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-73291/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-73291/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-39450-1 MS	S-3,3'	Total/NA	Solid	5035	
880-39450-1 MSD	S-3,3'	Total/NA	Solid	5035	

Analysis Batch: 73714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	8021B	73291
880-39450-2	S-3,5'	Total/NA	Solid	8021B	73291
880-39450-3	S-4,3'	Total/NA	Solid	8021B	73291
880-39450-4	S-4,5'	Total/NA	Solid	8021B	73291
880-39450-5	S-5,3'	Total/NA	Solid	8021B	73291
880-39450-6	S-5,5'	Total/NA	Solid	8021B	73291
880-39450-7	S-8,3'	Total/NA	Solid	8021B	73291
880-39450-8	S-8,5'	Total/NA	Solid	8021B	73291
880-39450-10	S-10,5'	Total/NA	Solid	8021B	73291
880-39450-11	S-13,1'	Total/NA	Solid	8021B	73291
880-39450-12	S-13,3'	Total/NA	Solid	8021B	73291
880-39450-13	S-13,5'	Total/NA	Solid	8021B	73291
880-39450-14	S-14,0-0.5	Total/NA	Solid	8021B	73291
MB 880-73291/5-A	Method Blank	Total/NA	Solid	8021B	73291
LCS 880-73291/1-A	Lab Control Sample	Total/NA	Solid	8021B	73291
LCSD 880-73291/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	73291
880-39450-1 MS	S-3,3'	Total/NA	Solid	8021B	73291
880-39450-1 MSD	S-3,3'	Total/NA	Solid	8021B	73291

Analysis Batch: 73785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	Total BTEX	
880-39450-2	S-3,5'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

GC VOA (Continued)

Analysis Batch: 73785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-3	S-4,3'	Total/NA	Solid	Total BTEX	
880-39450-4	S-4,5'	Total/NA	Solid	Total BTEX	
880-39450-5	S-5,3'	Total/NA	Solid	Total BTEX	
880-39450-6	S-5,5'	Total/NA	Solid	Total BTEX	
880-39450-7	S-8,3'	Total/NA	Solid	Total BTEX	
880-39450-8	S-8,5'	Total/NA	Solid	Total BTEX	
880-39450-9	S-10,3'	Total/NA	Solid	Total BTEX	
880-39450-10	S-10,5'	Total/NA	Solid	Total BTEX	
880-39450-11	S-13,1'	Total/NA	Solid	Total BTEX	
880-39450-12	S-13,3'	Total/NA	Solid	Total BTEX	
880-39450-13	S-13,5'	Total/NA	Solid	Total BTEX	
880-39450-14	S-14,0-0.5	Total/NA	Solid	Total BTEX	

Analysis Batch: 73799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-9	S-10,3'	Total/NA	Solid	8021B	73284
MB 880-73284/5-A	Method Blank	Total/NA	Solid	8021B	73284
LCS 880-73284/1-A	Lab Control Sample	Total/NA	Solid	8021B	73284
LCSD 880-73284/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	73284

GC Semi VOA

Prep Batch: 73297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	8015NM Prep	
880-39450-2	S-3,5'	Total/NA	Solid	8015NM Prep	
880-39450-3	S-4,3'	Total/NA	Solid	8015NM Prep	
880-39450-4	S-4,5'	Total/NA	Solid	8015NM Prep	
880-39450-5	S-5,3'	Total/NA	Solid	8015NM Prep	
880-39450-6	S-5,5'	Total/NA	Solid	8015NM Prep	
880-39450-7	S-8,3'	Total/NA	Solid	8015NM Prep	
880-39450-8	S-8,5'	Total/NA	Solid	8015NM Prep	
880-39450-9	S-10,3'	Total/NA	Solid	8015NM Prep	
880-39450-10	S-10,5'	Total/NA	Solid	8015NM Prep	
880-39450-11	S-13,1'	Total/NA	Solid	8015NM Prep	
880-39450-12	S-13,3'	Total/NA	Solid	8015NM Prep	
880-39450-13	S-13,5'	Total/NA	Solid	8015NM Prep	
880-39450-14	S-14,0-0.5	Total/NA	Solid	8015NM Prep	
MB 880-73297/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-73297/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-73297/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-39450-1 MS	S-3,3'	Total/NA	Solid	8015NM Prep	
880-39450-1 MSD	S-3,3'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 73423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	8015B NM	73297
880-39450-2	S-3,5'	Total/NA	Solid	8015B NM	73297
880-39450-3	S-4,3'	Total/NA	Solid	8015B NM	73297
880-39450-4	S-4,5'	Total/NA	Solid	8015B NM	73297
880-39450-5	S-5,3'	Total/NA	Solid	8015B NM	73297

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

GC Semi VOA (Continued)

Analysis Batch: 73423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-6	S-5,5'	Total/NA	Solid	8015B NM	73297
880-39450-7	S-8,3'	Total/NA	Solid	8015B NM	73297
880-39450-8	S-8,5'	Total/NA	Solid	8015B NM	73297
880-39450-9	S-10,3'	Total/NA	Solid	8015B NM	73297
880-39450-10	S-10,5'	Total/NA	Solid	8015B NM	73297
880-39450-11	S-13,1'	Total/NA	Solid	8015B NM	73297
880-39450-12	S-13,3'	Total/NA	Solid	8015B NM	73297
880-39450-13	S-13,5'	Total/NA	Solid	8015B NM	73297
880-39450-14	S-14,0-0.5	Total/NA	Solid	8015B NM	73297
MB 880-73297/1-A	Method Blank	Total/NA	Solid	8015B NM	73297
LCS 880-73297/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	73297
LCSD 880-73297/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	73297
880-39450-1 MS	S-3,3'	Total/NA	Solid	8015B NM	73297
880-39450-1 MSD	S-3,3'	Total/NA	Solid	8015B NM	73297

Analysis Batch: 73642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Total/NA	Solid	8015 NM	
880-39450-2	S-3,5'	Total/NA	Solid	8015 NM	
880-39450-3	S-4,3'	Total/NA	Solid	8015 NM	
880-39450-4	S-4,5'	Total/NA	Solid	8015 NM	
880-39450-5	S-5,3'	Total/NA	Solid	8015 NM	
880-39450-6	S-5,5'	Total/NA	Solid	8015 NM	
880-39450-7	S-8,3'	Total/NA	Solid	8015 NM	
880-39450-8	S-8,5'	Total/NA	Solid	8015 NM	
880-39450-9	S-10,3'	Total/NA	Solid	8015 NM	
880-39450-10	S-10,5'	Total/NA	Solid	8015 NM	
880-39450-11	S-13,1'	Total/NA	Solid	8015 NM	
880-39450-12	S-13,3'	Total/NA	Solid	8015 NM	
880-39450-13	S-13,5'	Total/NA	Solid	8015 NM	
880-39450-14	S-14,0-0.5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 73228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Soluble	Solid	DI Leach	
880-39450-2	S-3,5'	Soluble	Solid	DI Leach	
880-39450-3	S-4,3'	Soluble	Solid	DI Leach	
880-39450-4	S-4,5'	Soluble	Solid	DI Leach	
880-39450-5	S-5,3'	Soluble	Solid	DI Leach	
880-39450-6	S-5,5'	Soluble	Solid	DI Leach	
880-39450-7	S-8,3'	Soluble	Solid	DI Leach	
880-39450-8	S-8,5'	Soluble	Solid	DI Leach	
880-39450-9	S-10,3'	Soluble	Solid	DI Leach	
880-39450-10	S-10,5'	Soluble	Solid	DI Leach	
880-39450-11	S-13,1'	Soluble	Solid	DI Leach	
880-39450-12	S-13,3'	Soluble	Solid	DI Leach	
880-39450-13	S-13,5'	Soluble	Solid	DI Leach	
880-39450-14	S-14,0-0.5	Soluble	Solid	DI Leach	
MB 880-73228/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

HPLC/IC (Continued)

Leach Batch: 73228 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-73228/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-73228/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-39450-7 MS	S-8,3'	Soluble	Solid	DI Leach	
880-39450-7 MSD	S-8,3'	Soluble	Solid	DI Leach	

Analysis Batch: 73299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-39450-1	S-3,3'	Soluble	Solid	300.0	73228
880-39450-2	S-3,5'	Soluble	Solid	300.0	73228
880-39450-3	S-4,3'	Soluble	Solid	300.0	73228
880-39450-4	S-4,5'	Soluble	Solid	300.0	73228
880-39450-5	S-5,3'	Soluble	Solid	300.0	73228
880-39450-6	S-5,5'	Soluble	Solid	300.0	73228
880-39450-7	S-8,3'	Soluble	Solid	300.0	73228
880-39450-8	S-8,5'	Soluble	Solid	300.0	73228
880-39450-9	S-10,3'	Soluble	Solid	300.0	73228
880-39450-10	S-10,5'	Soluble	Solid	300.0	73228
880-39450-11	S-13,1'	Soluble	Solid	300.0	73228
880-39450-12	S-13,3'	Soluble	Solid	300.0	73228
880-39450-13	S-13,5'	Soluble	Solid	300.0	73228
880-39450-14	S-14,0-0.5	Soluble	Solid	300.0	73228
MB 880-73228/1-A	Method Blank	Soluble	Solid	300.0	73228
LCS 880-73228/2-A	Lab Control Sample	Soluble	Solid	300.0	73228
LCSD 880-73228/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	73228
880-39450-7 MS	S-8,3'	Soluble	Solid	300.0	73228
880-39450-7 MSD	S-8,3'	Soluble	Solid	300.0	73228

Lab Chronicle

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-3,3' Lab Sample ID: 880-39450-1

Date Collected: 02/14/24 11:38 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 11:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 11:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 10:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 10:29	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 17:30	CH	EET MID

Client Sample ID: S-3,5' Lab Sample ID: 880-39450-2

Date Collected: 02/14/24 11:39 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 12:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 12:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 11:37	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 11:37	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 17:50	CH	EET MID

Client Sample ID: S-4,3' Lab Sample ID: 880-39450-3

Date Collected: 02/14/24 11:41 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 12:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 12:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 12:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 12:00	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 17:57	CH	EET MID

Client Sample ID: S-4,5' Lab Sample ID: 880-39450-4

Date Collected: 02/14/24 11:42 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 13:11	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 13:11	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-4,5'
Lab Sample ID: 880-39450-4
Date Collected: 02/14/24 11:42 **Matrix: Solid**
Date Received: 02/15/24 08:40

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			73642	02/19/24 12:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 12:22	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 18:04	CH	EET MID

Client Sample ID: S-5,3'
Lab Sample ID: 880-39450-5
Date Collected: 02/14/24 11:43 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 13:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 13:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 12:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 12:44	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	73299	02/16/24 18:11	CH	EET MID

Client Sample ID: S-5,5'
Lab Sample ID: 880-39450-6
Date Collected: 02/14/24 11:44 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 13:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 13:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 13:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 13:07	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	73299	02/16/24 18:17	CH	EET MID

Client Sample ID: S-8,3'
Lab Sample ID: 880-39450-7
Date Collected: 02/14/24 11:50 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 14:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 14:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 13:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 13:30	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-8,3'

Lab Sample ID: 880-39450-7
Matrix: Solid
Date Collected: 02/14/24 11:50
Date Received: 02/15/24 08:40

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	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	73299	02/16/24 18:24	CH	EET MID

Client Sample ID: S-8,5'

Lab Sample ID: 880-39450-8
Matrix: Solid
Date Collected: 02/14/24 11:51
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 14:35	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 13:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 18:55	CH	EET MID

Client Sample ID: S-10,3'

Lab Sample ID: 880-39450-9
Matrix: Solid
Date Collected: 02/14/24 11:58
Date Received: 02/15/24 08:40

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	73284	02/15/24 15:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73799	02/22/24 02:26	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/22/24 02:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 14:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 14:16	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:02	CH	EET MID

Client Sample ID: S-10,5'

Lab Sample ID: 880-39450-10
Matrix: Solid
Date Collected: 02/14/24 11:59
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 17:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 14:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 14:39	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:22	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

Client Sample ID: S-13,1' — Lab Sample ID: 880-39450-11

Date Collected: 02/14/24 12:01 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 17:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 17:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 15:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 15:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	73299	02/16/24 19:28	CH	EET MID

Client Sample ID: S-13,3' — Lab Sample ID: 880-39450-12

Date Collected: 02/14/24 12:02 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 18:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 18:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 15:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 15:51	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:35	CH	EET MID

Client Sample ID: S-13,5' — Lab Sample ID: 880-39450-13

Date Collected: 02/14/24 12:03 **Matrix: Solid**
Date Received: 02/15/24 08:40

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	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 18:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 18:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			73642	02/19/24 16:25	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 16:25	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:42	CH	EET MID

Client Sample ID: S-14,0-0.5 — Lab Sample ID: 880-39450-14

Date Collected: 02/14/24 11:01 **Matrix: Solid**
Date Received: 02/15/24 08:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	73291	02/15/24 16:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	73714	02/21/24 18:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			73785	02/21/24 18:46	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Client Sample ID: S-14,0-0.5

Date Collected: 02/14/24 11:01
Date Received: 02/15/24 08:40

Lab Sample ID: 880-39450-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			73642	02/19/24 16:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	73297	02/15/24 17:12	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	73423	02/19/24 16:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	73228	02/15/24 10:01	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	73299	02/16/24 19:49	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc. Job ID: 880-39450-1
Project/Site: SD 23 CTB 2ND Spill SDG: 23-0102-07

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: Larson & Associates, Inc.
Project/Site: SD 23 CTB 2ND Spill

Job ID: 880-39450-1
SDG: 23-0102-07

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-39450-1	S-3,3'	Solid	02/14/24 11:38	02/15/24 08:40
880-39450-2	S-3,5'	Solid	02/14/24 11:39	02/15/24 08:40
880-39450-3	S-4,3'	Solid	02/14/24 11:41	02/15/24 08:40
880-39450-4	S-4,5'	Solid	02/14/24 11:42	02/15/24 08:40
880-39450-5	S-5,3'	Solid	02/14/24 11:43	02/15/24 08:40
880-39450-6	S-5,5'	Solid	02/14/24 11:44	02/15/24 08:40
880-39450-7	S-8,3'	Solid	02/14/24 11:50	02/15/24 08:40
880-39450-8	S-8,5'	Solid	02/14/24 11:51	02/15/24 08:40
880-39450-9	S-10,3'	Solid	02/14/24 11:58	02/15/24 08:40
880-39450-10	S-10,5'	Solid	02/14/24 11:59	02/15/24 08:40
880-39450-11	S-13,1'	Solid	02/14/24 12:01	02/15/24 08:40
880-39450-12	S-13,3'	Solid	02/14/24 12:02	02/15/24 08:40
880-39450-13	S-13,5'	Solid	02/14/24 12:03	02/15/24 08:40
880-39450-14	S-14,0-0.5	Solid	02/14/24 11:01	02/15/24 08:40

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

39450

No. 3217

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE 2-15-2024 PAGE 1 OF 1

PO# _____ LAB WORK ORDER# _____

PROJECT LOCATION OR NAME SD 23 CTB 2nd Sp. 11

LAI PROJECT # 23-0102-07 COLLECTOR RW & DSL

TRRP report? ☐ Yes ☑ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE
Time zone/State
MST / NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION HCl	HNO3	H2SO4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐	HERB ☐	Semi-VOC ☐	TOTAL METALS (RCRA) ☐	OTHER LIST ☐	LEAD - TOTAL ☐	D W 200.8 ☐	TCLP ☐	RCI ☐	TOX ☐	FLASHPOINT ☐	TDS ☐	TSS ☐	% MOISTURE ☐	pH ☐	CYANIDE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
S-3, 3'		2-14-24	1138	S	1				X		X			X	X	X																									X			
S-3, 5'			1139																																								
S-4, 3'			1141																																								
S-4, 5'			1142																																								
S-5, 3'			1143																																								
S-5, 5'			1144																																								
S-7, 3'			1150																																								
S-7, 5'			1151																																								
S-10, 3'			1158																																								
S-10, 5'			1159																																								
S-13, 1'			1201																																								
S-13, 3'			1202																																								
S-13, 5'			1203																																								
S-14, 0-0.5'			1101																																								
TOTAL																																										

880-39450 Chain of Custody

RELINQUISHED BY (Signature)	DATE/TIME 2-15-24 0840	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☑
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 0.7 THERM# 06
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-39450-1
SDG Number: 23-0102-07

Login Number: 39450
List Number: 1
Creator: Wheeler, Jazmine

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/3/2025 5:44:50 PM

JOB DESCRIPTION

Salado Draw 23 CTB (12.03.2023)
Lea Co, NM

JOB NUMBER

880-56171-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 7/15/2025 9:10:39 AM

my EOL

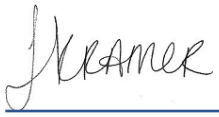
Eurofins Midland

Job Notes

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

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

Authorization



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

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Released to Imaging: 7/15/2025 9:10:59 AM

Definitions/Glossary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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.
☼	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: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1

Job ID: 880-56171-1 Eurofins Midland

Job Narrative
880-56171-1

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

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

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

Receipt
The samples were received on 3/28/2025 11:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (4.25') (880-56171-1), CS-2 (4.25') (880-56171-2), CS-3 (2.5') (880-56171-3), CS-4 (2.5') (880-56171-4), CS-5 (2.5') (880-56171-5), CS-6 (2.5') (880-56171-6), CS-7 (1.0') (880-56171-7), CS-8 (1.0') (880-56171-8), CS-9 (1.0') (880-56171-9), CS-10 (1.0') (880-56171-10), CS-11 (1.0') (880-56171-11), CS-12 (1.0') (880-56171-12), CS-13 (1.0') (880-56171-13), CS-14 (1.0') (880-56171-14), CS-15 (1.0') (880-56171-15), SW-1 (4.25') (880-56171-16), SW-2 (4.25') (880-56171-17), SW-3 (4.25') (880-56171-18), SW-4 (4.25') (880-56171-19), SW-5 (2.5'-4.25') (880-56171-20), SW-6 (2.5") (880-56171-21), SW-7 (2.5") (880-56171-22), SW-8 (2.5") (880-56171-23), SW-9 (2.5") (880-56171-24), SW-10 (2.5") (880-56171-25), SW-11 (2.5") (880-56171-26), SW-12 (2.5") (880-56171-27), SW-13 (1.0-2.5") (880-56171-28), SW-14 (1.0") (880-56171-29), SW-15 (1.0") (880-56171-30), SW-16 (1.0") (880-56171-31), SW-17 (1.0") (880-56171-32), SW-18 (1.0") (880-56171-33), SW-19 (1.0") (880-56171-34), SW-20 (1.0") (880-56171-35), SW-21 (1.0") (880-56171-36), SW-22 (1.0") (880-56171-37), SW-23 (1.0") (880-56171-38) and SW-24 (1.0") (880-56171-39).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106349 and analytical batch 880-106452 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106353 and analytical batch 880-106416 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-106353/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-9 (2.5") (880-56171-24), SW-11 (2.5") (880-56171-26), SW-13 (1.0-2.5") (880-56171-28), SW-14 (1.0") (880-56171-29) and SW-15 (1.0") (880-56171-30). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-106353/3-A) and (880-56171-A-21-C MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-6 (2.5") (880-56171-21) and SW-7 (2.5") (880-56171-22). Evidence of matrix interferences is not obvious.

Samples to run again for reanalysis/confirmation

Eurofins Midland

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Case Narrative

Client: Carmona Resources Job ID: 880-56171-1
Project: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1 (Continued) Eurofins Midland

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106352 and analytical batch 880-106417 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-106352/2-A) and (LCSD 880-106352/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-106352 and analytical batch 880-106417 was outside the upper control limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106446 and analytical batch 880-106490 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-7882-A-17-C MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-106736/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-106736/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106366 and analytical batch 880-106570 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.

The associated samples are: SW-21 (1.0") (880-56171-36), SW-22 (1.0") (880-56171-37), SW-23 (1.0") (880-56171-38), SW-24 (1.0") (880-56171-39), (880-56171-A-36-D MS) and (880-56171-A-36-E MSD).

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike duplicate (MSD) recoveries for preparation batch 880-106363 and analytical batch 880-106536 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

The associated samples are: CS-1 (4.25') (880-56171-1), CS-2 (4.25') (880-56171-2), CS-3 (2.5') (880-56171-3), CS-4 (2.5') (880-56171-4), CS-5 (2.5') (880-56171-5), CS-6 (2.5') (880-56171-6), CS-7 (1.0') (880-56171-7), CS-8 (1.0') (880-56171-8), CS-9 (1.0') (880-56171-9), CS-10 (1.0') (880-56171-10) and (880-56171-A-1-L MSD).

Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-106363 and analytical batch 880-106536 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.

The associated samples are: CS-11 (1.0') (880-56171-11), CS-12 (1.0') (880-56171-12), CS-13 (1.0') (880-56171-13), CS-14 (1.0') (880-56171-14), CS-15 (1.0') (880-56171-15), SW-1 (4.25') (880-56171-16), SW-2 (4.25') (880-56171-17), SW-3 (4.25') (880-56171-18), SW-4 (4.25') (880-56171-19), SW-5 (2.5'-4.25') (880-56171-20), (880-56171-A-11-E MS) and (880-56171-A-11-F MSD).

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: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (4.25')

Lab Sample ID: 880-56171-1
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 17:01	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/28/25 13:01	03/28/25 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 17:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/28/25 13:01	03/28/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*03/28/25 13:01*	*03/28/25 17:01*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/28/25 13:01*	*03/28/25 17:01*	*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			03/28/25 17:01	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			03/29/25 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	49.8		mg/Kg		03/28/25 13:38	03/29/25 17:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 17:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*03/28/25 13:38*	*03/29/25 17:30*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*03/28/25 13:38*	*03/29/25 17:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4300**	**F1**	49.8		mg/Kg			03/31/25 20:55	5

Client Sample ID: CS-2 (4.25')

Lab Sample ID: 880-56171-2
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 17:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 17:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 17:22	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/28/25 13:01	03/28/25 17:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 17:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/28/25 13:01	03/28/25 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*03/28/25 13:01*	*03/28/25 17:22*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/28/25 13:01*	*03/28/25 17:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (4.25')

Lab Sample ID: 880-56171-2
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			03/28/25 17:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 18:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 18:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 18:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*03/28/25 13:38*	*03/29/25 18:18*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*03/28/25 13:38*	*03/29/25 18:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4490**		49.9		mg/Kg			03/31/25 21:13	5

Client Sample ID: CS-3 (2.5')

Lab Sample ID: 880-56171-3
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 17:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 17:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 17:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/28/25 17:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 17:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/28/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/28/25 13:01*	*03/28/25 17:42*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/28/25 13:01*	*03/28/25 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			03/28/25 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	<49.9	U	49.9		mg/Kg			03/29/25 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 18:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 18:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-3 (2.5')

Lab Sample ID: 880-56171-3
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*03/28/25 13:38*	*03/29/25 18:34*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*03/28/25 13:38*	*03/29/25 18:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		10.0		mg/Kg			03/31/25 21:18	1

Client Sample ID: CS-4 (2.5')

Lab Sample ID: 880-56171-4
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 18:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 18:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 18:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/28/25 18:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 18:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/28/25 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*03/28/25 13:01*	*03/28/25 18:03*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/28/25 13:01*	*03/28/25 18:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/28/25 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 18:49	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	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 18:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 18:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*03/28/25 13:38*	*03/29/25 18:49*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*03/28/25 13:38*	*03/29/25 18:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		10.1		mg/Kg			03/31/25 21:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-5 (2.5')

Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-5
Matrix: Solid

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		03/28/25 13:01	03/28/25 18:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 18:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 18:23	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		03/28/25 13:01	03/28/25 18:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 18:23	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/28/25 13:01	03/28/25 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*03/28/25 13:01*	*03/28/25 18:23*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*03/28/25 13:01*	*03/28/25 18:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			03/28/25 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/29/25 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/28/25 13:38	03/29/25 19:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/28/25 13:38	03/29/25 19:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/28/25 13:38	03/29/25 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*03/28/25 13:38*	*03/29/25 19:05*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*03/28/25 13:38*	*03/29/25 19:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		9.94		mg/Kg			03/31/25 21:30	1

Client Sample ID: CS-6 (2.5')

Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-6
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		03/28/25 13:01	03/28/25 18:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 18:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 18:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/28/25 18:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 18:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/28/25 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*03/28/25 13:01*	*03/28/25 18:43*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 13:01*	*03/28/25 18:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-6 (2.5')

Lab Sample ID: 880-56171-6
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			03/28/25 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 19:21	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		03/28/25 13:38	03/29/25 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*03/28/25 13:38*	*03/29/25 19:21*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*03/28/25 13:38*	*03/29/25 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.3**		9.92		mg/Kg			03/31/25 21:47	1

Client Sample ID: CS-7 (1.0')

Lab Sample ID: 880-56171-7
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 19:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 19:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 19:04	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/28/25 13:01	03/28/25 19:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 19:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/28/25 13:01	03/28/25 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*03/28/25 13:01*	*03/28/25 19:04*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/28/25 13:01*	*03/28/25 19:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/28/25 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/29/25 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 19:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 19:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (1.0')

Lab Sample ID: 880-56171-7
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*03/28/25 13:38*	*03/29/25 19:38*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*03/28/25 13:38*	*03/29/25 19:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.1**		10.0		mg/Kg			03/31/25 21:53	1

Client Sample ID: CS-8 (1.0')

Lab Sample ID: 880-56171-8
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 19:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 19:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 19:24	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/28/25 19:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 19:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/28/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*03/28/25 13:01*	*03/28/25 19:24*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/28/25 13:01*	*03/28/25 19:24*	*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			03/28/25 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 19:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*03/28/25 13:38*	*03/29/25 19:53*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*03/28/25 13:38*	*03/29/25 19:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		9.90		mg/Kg			03/31/25 21:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-9 (1.0')

Lab Sample ID: 880-56171-9
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 19:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 19:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 19:45	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/28/25 13:01	03/28/25 19:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 19:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/28/25 13:01	03/28/25 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*03/28/25 13:01*	*03/28/25 19:45*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/28/25 13:01*	*03/28/25 19:45*	*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			03/28/25 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 20:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 20:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*03/28/25 13:38*	*03/29/25 20:10*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*03/28/25 13:38*	*03/29/25 20:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.6**		9.90		mg/Kg			03/31/25 22:04	1

Client Sample ID: CS-10 (1.0')

Lab Sample ID: 880-56171-10
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 20:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 20:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 20:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/28/25 20:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 20:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/28/25 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*03/28/25 13:01*	*03/28/25 20:05*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 13:01*	*03/28/25 20:05*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-10 (1.0')

Lab Sample ID: 880-56171-10
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			03/28/25 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 20:25	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	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 20:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 20:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*03/28/25 13:38*	*03/29/25 20:25*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*03/28/25 13:38*	*03/29/25 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		10.0		mg/Kg			03/31/25 22:10	1

Client Sample ID: CS-11 (1.0')

Lab Sample ID: 880-56171-11
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 21:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 21:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 21:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/28/25 21:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 21:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/28/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*03/28/25 13:01*	*03/28/25 21:56*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 13:01*	*03/28/25 21:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/28/25 21:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 20:57	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		03/28/25 13:38	03/29/25 20:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 20:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (1.0')

Lab Sample ID: 880-56171-11
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*03/28/25 13:38*	*03/29/25 20:57*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*03/28/25 13:38*	*03/29/25 20:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**	**F1**	10.0		mg/Kg			03/31/25 22:16	1

Client Sample ID: CS-12 (1.0')

Lab Sample ID: 880-56171-12
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 22:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 22:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 22:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/28/25 22:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 22:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/28/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*03/28/25 13:01*	*03/28/25 22:16*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*03/28/25 13:01*	*03/28/25 22:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/28/25 22:16	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			03/29/25 21:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 21:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 21:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*03/28/25 13:38*	*03/29/25 21:13*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*03/28/25 13:38*	*03/29/25 21:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**139**		9.94		mg/Kg			03/31/25 22:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-13 (1.0')

Lab Sample ID: 880-56171-13
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 22:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/28/25 13:01	03/28/25 22:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/28/25 13:01	03/28/25 22:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/28/25 13:01	03/28/25 22:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/28/25 13:01	03/28/25 22:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/28/25 13:01	03/28/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/28/25 13:01*	*03/28/25 22:37*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 13:01*	*03/28/25 22:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/28/25 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 21:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 21:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 21:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*03/28/25 13:38*	*03/29/25 21:29*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*03/28/25 13:38*	*03/29/25 21:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**156**		9.92		mg/Kg			03/31/25 22:39	1

Client Sample ID: CS-14 (1.0')

Lab Sample ID: 880-56171-14
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 22:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 22:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 22:57	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/28/25 13:01	03/28/25 22:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:01	03/28/25 22:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/28/25 13:01	03/28/25 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*03/28/25 13:01*	*03/28/25 22:57*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 13:01*	*03/28/25 22:57*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (1.0')

Lab Sample ID: 880-56171-14
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			03/28/25 22:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 21:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 21:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 21:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*03/28/25 13:38*	*03/29/25 21:45*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*03/28/25 13:38*	*03/29/25 21:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**147**		10.0		mg/Kg			03/31/25 22:56	1

Client Sample ID: CS-15 (1.0')

Lab Sample ID: 880-56171-15
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 23:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 23:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 23:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/28/25 23:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/28/25 23:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/28/25 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*03/28/25 13:01*	*03/28/25 23:17*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/28/25 13:01*	*03/28/25 23:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/28/25 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/29/25 22:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 22:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 22:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-15 (1.0')

Lab Sample ID: 880-56171-15
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/28/25 13:38	03/29/25 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*03/28/25 13:38*	*03/29/25 22:01*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*03/28/25 13:38*	*03/29/25 22:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**144**		9.94		mg/Kg			03/31/25 23:02	1

Client Sample ID: SW-1 (4.25')

Lab Sample ID: 880-56171-16
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 23:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 23:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 23:38	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/28/25 13:01	03/28/25 23:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 23:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/28/25 13:01	03/28/25 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/28/25 13:01*	*03/28/25 23:38*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 13:01*	*03/28/25 23:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/28/25 23:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 22:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 22:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 22:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*03/28/25 13:38*	*03/29/25 22:16*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*03/28/25 13:38*	*03/29/25 22:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**151**		9.98		mg/Kg			03/31/25 23:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-2 (4.25')

Lab Sample ID: 880-56171-17
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/28/25 23:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:01	03/28/25 23:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:01	03/28/25 23:58	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		03/28/25 13:01	03/28/25 23:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:01	03/28/25 23:58	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/28/25 13:01	03/28/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*03/28/25 13:01*	*03/28/25 23:58*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 13:01*	*03/28/25 23:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/28/25 23:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 22:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 22:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 22:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*03/28/25 13:38*	*03/29/25 22:33*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*03/28/25 13:38*	*03/29/25 22:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		10.0		mg/Kg			03/31/25 23:13	1

Client Sample ID: SW-3 (4.25')

Lab Sample ID: 880-56171-18
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/29/25 00:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/29/25 00:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/29/25 00:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/29/25 00:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/29/25 00:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 13:01	03/29/25 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*03/28/25 13:01*	*03/29/25 00:19*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/28/25 13:01*	*03/29/25 00:19*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-3 (4.25')

Lab Sample ID: 880-56171-18
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			03/29/25 00:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/29/25 22:48	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	<49.7	U	49.7		mg/Kg		03/28/25 13:38	03/29/25 22:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/28/25 13:38	03/29/25 22:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/28/25 13:38	03/29/25 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*03/28/25 13:38*	*03/29/25 22:48*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*03/28/25 13:38*	*03/29/25 22:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		10.0		mg/Kg			03/31/25 23:19	1

Client Sample ID: SW-4 (4.25')

Lab Sample ID: 880-56171-19
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/29/25 00:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:01	03/29/25 00:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:01	03/29/25 00:39	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/28/25 13:01	03/29/25 00:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:01	03/29/25 00:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/28/25 13:01	03/29/25 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*03/28/25 13:01*	*03/29/25 00:39*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*03/28/25 13:01*	*03/29/25 00:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/29/25 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 23:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 23:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 23:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-4 (4.25')

Lab Sample ID: 880-56171-19
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:38	03/29/25 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*03/28/25 13:38*	*03/29/25 23:05*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*03/28/25 13:38*	*03/29/25 23:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		10.1		mg/Kg			03/31/25 23:25	1

Client Sample ID: SW-5 (2.5'-4.25')

Lab Sample ID: 880-56171-20
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:01	03/29/25 01:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/29/25 01:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/29/25 01:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/29/25 01:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:01	03/29/25 01:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/28/25 13:01	03/29/25 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*03/28/25 13:01*	*03/29/25 01:00*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*03/28/25 13:01*	*03/29/25 01:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/29/25 01:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 23:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:38	03/29/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*03/28/25 13:38*	*03/29/25 23:20*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*03/28/25 13:38*	*03/29/25 23:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		9.96		mg/Kg			03/31/25 23:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-6 (2.5")

Lab Sample ID: 880-56171-21
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:00	03/28/25 17:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/28/25 13:00	03/28/25 17:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/28/25 13:00	03/28/25 17:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/28/25 13:00	03/28/25 17:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/28/25 13:00	03/28/25 17:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/28/25 13:00	03/28/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*03/28/25 13:00*	*03/28/25 17:33*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*03/28/25 13:00*	*03/28/25 17:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/28/25 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/02/25 12:12	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	<49.6	U	49.6		mg/Kg		04/02/25 12:43	04/02/25 12:12	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/02/25 12:43	04/02/25 12:12	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/02/25 12:43	04/02/25 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/02/25 12:43*	*04/02/25 12:12*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/02/25 12:43*	*04/02/25 12:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		10.0		mg/Kg			04/01/25 00:16	1

Client Sample ID: SW-7 (2.5")

Lab Sample ID: 880-56171-22
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:00	03/28/25 17:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:00	03/28/25 17:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:00	03/28/25 17:53	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/28/25 13:00	03/28/25 17:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:00	03/28/25 17:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/28/25 13:00	03/28/25 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/28/25 13:00*	*03/28/25 17:53*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/28/25 13:00*	*03/28/25 17:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-7 (2.5")

Lab Sample ID: 880-56171-22
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			03/28/25 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/02/25 12:28	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	<50.3	U	50.3		mg/Kg		04/02/25 12:43	04/02/25 12:28	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/02/25 12:43	04/02/25 12:28	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/02/25 12:43	04/02/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/02/25 12:43*	*04/02/25 12:28*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/02/25 12:43*	*04/02/25 12:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.1**		10.0		mg/Kg			04/01/25 00:34	1

Client Sample ID: SW-8 (2.5")

Lab Sample ID: 880-56171-23
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:00	03/28/25 18:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:00	03/28/25 18:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:00	03/28/25 18:14	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/28/25 13:00	03/28/25 18:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:00	03/28/25 18:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/28/25 13:00	03/28/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/28/25 13:00*	*03/28/25 18:14*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*03/28/25 13:00*	*03/28/25 18:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/28/25 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 18:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 18:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-8 (2.5")

Lab Sample ID: 880-56171-23
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*03/28/25 13:40*	*03/29/25 18:34*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*03/28/25 13:40*	*03/29/25 18:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**231**		10.1		mg/Kg			04/01/25 00:39	1

Client Sample ID: SW-9 (2.5")

Lab Sample ID: 880-56171-24
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:00	03/28/25 18:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:00	03/28/25 18:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:00	03/28/25 18:34	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/28/25 13:00	03/28/25 18:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:00	03/28/25 18:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/28/25 13:00	03/28/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*03/28/25 13:00*	*03/28/25 18:34*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/28/25 13:00*	*03/28/25 18:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/28/25 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 18:49	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	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 18:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 18:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*03/28/25 13:40*	*03/29/25 18:49*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*03/28/25 13:40*	*03/29/25 18:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		9.92		mg/Kg			04/01/25 00:45	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-10 (2.5")

Lab Sample ID: 880-56171-25
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:00	03/28/25 18:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:00	03/28/25 18:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:00	03/28/25 18:55	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		03/28/25 13:00	03/28/25 18:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:00	03/28/25 18:55	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/28/25 13:00	03/28/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/28/25 13:00*	*03/28/25 18:55*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/28/25 13:00*	*03/28/25 18:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/28/25 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/29/25 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		03/28/25 13:40	03/29/25 19:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/28/25 13:40	03/29/25 19:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/28/25 13:40	03/29/25 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*03/28/25 13:40*	*03/29/25 19:05*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*03/28/25 13:40*	*03/29/25 19:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**233**		10.1		mg/Kg			04/01/25 00:51	1

Client Sample ID: SW-11 (2.5")

Lab Sample ID: 880-56171-26
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:00	03/28/25 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:00	03/28/25 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:00	03/28/25 19:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 13:00	03/28/25 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:00	03/28/25 19:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 13:00	03/28/25 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/28/25 13:00*	*03/28/25 19:15*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/28/25 13:00*	*03/28/25 19:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-11 (2.5")

Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-26
Matrix: Solid

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			03/28/25 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 19:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 19:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*03/28/25 13:40*	*03/29/25 19:21*	*1*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*	*03/28/25 13:40*	*03/29/25 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**218**		9.94		mg/Kg			04/01/25 01:08	1

Client Sample ID: SW-12 (2.5")

Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-27
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		03/28/25 13:00	03/28/25 19:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:00	03/28/25 19:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:00	03/28/25 19:36	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/28/25 13:00	03/28/25 19:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/28/25 13:00	03/28/25 19:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/28/25 13:00	03/28/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/28/25 13:00*	*03/28/25 19:36*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*03/28/25 13:00*	*03/28/25 19:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/28/25 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/29/25 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 19:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 19:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-12 (2.5")

Lab Sample ID: 880-56171-27
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*03/28/25 13:40*	*03/29/25 19:38*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*03/28/25 13:40*	*03/29/25 19:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**233**		9.98		mg/Kg			04/01/25 01:14	1

Client Sample ID: SW-13 (1.0-2.5")

Lab Sample ID: 880-56171-28
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:00	03/28/25 19:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:00	03/28/25 19:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:00	03/28/25 19:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/28/25 13:00	03/28/25 19:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:00	03/28/25 19:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/28/25 13:00	03/28/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/28/25 13:00*	*03/28/25 19:56*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*03/28/25 13:00*	*03/28/25 19:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/28/25 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 19:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 19:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*03/28/25 13:40*	*03/29/25 19:53*	*1*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*	*03/28/25 13:40*	*03/29/25 19:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		9.92		mg/Kg			04/01/25 01:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-14 (1.0")

Lab Sample ID: 880-56171-29
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:06	03/31/25 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 12:26	1
m,p-Xylenes	<0.00401	U F1	0.00401		mg/Kg		03/28/25 13:06	03/31/25 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 12:26	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		03/28/25 13:06	03/31/25 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/28/25 13:06*	*03/31/25 12:26*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/28/25 13:06*	*03/31/25 12:26*	*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			03/31/25 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/29/25 20:10	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	<49.7	U	49.7		mg/Kg		03/28/25 13:40	03/29/25 20:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/28/25 13:40	03/29/25 20:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/28/25 13:40	03/29/25 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*03/28/25 13:40*	*03/29/25 20:10*	*1*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*	*03/28/25 13:40*	*03/29/25 20:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		10.0		mg/Kg			04/01/25 01:25	1

Client Sample ID: SW-15 (1.0")

Lab Sample ID: 880-56171-30
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:06	03/31/25 12:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:06	03/31/25 12:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:06	03/31/25 12:46	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/28/25 13:06	03/31/25 12:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:06	03/31/25 12:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/28/25 13:06	03/31/25 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/28/25 13:06*	*03/31/25 12:46*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/28/25 13:06*	*03/31/25 12:46*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-15 (1.0")

Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-30
Matrix: Solid

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			03/31/25 12:46	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			03/29/25 20:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 20:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 20:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*03/28/25 13:40*	*03/29/25 20:25*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*03/28/25 13:40*	*03/29/25 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		9.96		mg/Kg			04/01/25 01:31	1

Client Sample ID: SW-16 (1.0")

Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-31
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		03/28/25 13:06	03/31/25 13:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:06	03/31/25 13:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:06	03/31/25 13:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/28/25 13:06	03/31/25 13:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/28/25 13:06	03/31/25 13:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/28/25 13:06	03/31/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/28/25 13:06*	*03/31/25 13:07*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/28/25 13:06*	*03/31/25 13:07*	*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			03/31/25 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/29/25 20:57	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	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 20:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 20:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-16 (1.0")

Lab Sample ID: 880-56171-31
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*03/28/25 13:40*	*03/29/25 20:57*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*03/28/25 13:40*	*03/29/25 20:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**163**		10.0		mg/Kg			04/01/25 01:37	1

Client Sample ID: SW-17 (1.0")

Lab Sample ID: 880-56171-32
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:06	03/31/25 13:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 13:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 13:27	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 13:06	03/31/25 13:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 13:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 13:06	03/31/25 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/28/25 13:06*	*03/31/25 13:27*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/28/25 13:06*	*03/31/25 13:27*	*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			03/31/25 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/29/25 21:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 21:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 21:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*03/28/25 13:40*	*03/29/25 21:13*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*03/28/25 13:40*	*03/29/25 21:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		10.0		mg/Kg			04/01/25 01:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-18 (1.0")

Lab Sample ID: 880-56171-33
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:06	03/31/25 13:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:06	03/31/25 13:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:06	03/31/25 13:48	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		03/28/25 13:06	03/31/25 13:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 13:06	03/31/25 13:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		03/28/25 13:06	03/31/25 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/28/25 13:06*	*03/31/25 13:48*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/28/25 13:06*	*03/31/25 13:48*	*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			03/31/25 13:48	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			03/29/25 21:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 21:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 21:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:40	03/29/25 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*03/28/25 13:40*	*03/29/25 21:29*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*03/28/25 13:40*	*03/29/25 21:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**132**		10.0		mg/Kg			04/01/25 02:00	1

Client Sample ID: SW-19 (1.0")

Lab Sample ID: 880-56171-34
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:06	03/31/25 14:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 14:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 14:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 13:06	03/31/25 14:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 14:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 13:06	03/31/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/28/25 13:06*	*03/31/25 14:08*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/28/25 13:06*	*03/31/25 14:08*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-19 (1.0")

Lab Sample ID: 880-56171-34
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			03/31/25 14:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/29/25 21:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 21:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 21:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/28/25 13:40	03/29/25 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*03/28/25 13:40*	*03/29/25 21:45*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*03/28/25 13:40*	*03/29/25 21:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		9.94		mg/Kg			04/01/25 02:17	1

Client Sample ID: SW-20 (1.0")

Lab Sample ID: 880-56171-35
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 13:06	03/31/25 14:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 14:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 14:28	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/28/25 13:06	03/31/25 14:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 14:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/28/25 13:06	03/31/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 13:06*	*03/31/25 14:28*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/28/25 13:06*	*03/31/25 14:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/31/25 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/29/25 22:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 22:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 22:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-20 (1.0")

Lab Sample ID: 880-56171-35
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/28/25 13:40	03/29/25 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*03/28/25 13:40*	*03/29/25 22:01*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*03/28/25 13:40*	*03/29/25 22:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		9.92		mg/Kg			04/01/25 02:23	1

Client Sample ID: SW-21 (1.0")

Lab Sample ID: 880-56171-36
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 14:07	03/31/25 14:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/28/25 14:07	03/31/25 14:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/28/25 14:07	03/31/25 14:49	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		03/28/25 14:07	03/31/25 14:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/28/25 14:07	03/31/25 14:49	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/28/25 14:07	03/31/25 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 14:07*	*03/31/25 14:49*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/28/25 14:07*	*03/31/25 14:49*	*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			03/31/25 14:49	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			03/31/25 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/31/25 08:22	03/31/25 17:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/25 08:22	03/31/25 17:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/25 08:22	03/31/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*03/31/25 08:22*	*03/31/25 17:34*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*03/31/25 08:22*	*03/31/25 17:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**	**F1**	10.1		mg/Kg			04/01/25 03:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-22 (1.0")

Lab Sample ID: 880-56171-37
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 14:07	03/31/25 15:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 14:07	03/31/25 15:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 14:07	03/31/25 15:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/28/25 14:07	03/31/25 15:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 14:07	03/31/25 15:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/28/25 14:07	03/31/25 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 14:07*	*03/31/25 15:09*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/28/25 14:07*	*03/31/25 15:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/31/25 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/31/25 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/31/25 08:22	03/31/25 17:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/31/25 08:22	03/31/25 17:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/31/25 08:22	03/31/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*03/31/25 08:22*	*03/31/25 17:50*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*03/31/25 08:22*	*03/31/25 17:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		10.1		mg/Kg			04/01/25 03:26	1

Client Sample ID: SW-23 (1.0")

Lab Sample ID: 880-56171-38
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 14:07	03/31/25 15:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 14:07	03/31/25 15:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 14:07	03/31/25 15:30	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/28/25 14:07	03/31/25 15:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 14:07	03/31/25 15:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/28/25 14:07	03/31/25 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/28/25 14:07*	*03/31/25 15:30*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/28/25 14:07*	*03/31/25 15:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-23 (1.0")

Lab Sample ID: 880-56171-38
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			03/31/25 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/31/25 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	<49.9	U	49.9		mg/Kg		03/31/25 08:22	03/31/25 18:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/25 08:22	03/31/25 18:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/25 08:22	03/31/25 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*03/31/25 08:22*	*03/31/25 18:05*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*03/31/25 08:22*	*03/31/25 18:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**165**		10.0		mg/Kg			04/01/25 03:32	1

Client Sample ID: SW-24 (1.0")

Lab Sample ID: 880-56171-39
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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		03/28/25 14:07	03/31/25 18:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/28/25 14:07	03/31/25 18:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/28/25 14:07	03/31/25 18:31	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/28/25 14:07	03/31/25 18:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/28/25 14:07	03/31/25 18:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/28/25 14:07	03/31/25 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*03/28/25 14:07*	*03/31/25 18:31*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/28/25 14:07*	*03/31/25 18:31*	*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			03/31/25 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/31/25 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/31/25 08:22	03/31/25 18:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/25 08:22	03/31/25 18:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-24 (1.0")

Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-39

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/25 08:22	03/31/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*03/31/25 08:22*	*03/31/25 18:22*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*03/31/25 08:22*	*03/31/25 18:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**174**		10.1		mg/Kg			04/01/25 03:37	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-56133-A-1-B MS	Matrix Spike	103	98
880-56133-A-1-C MSD	Matrix Spike Duplicate	101	93
880-56171-1	CS-1 (4.25')	94	101
880-56171-1 MS	CS-1 (4.25')	105	92
880-56171-1 MSD	CS-1 (4.25')	100	98
880-56171-2	CS-2 (4.25')	116	111
880-56171-3	CS-3 (2.5')	111	102
880-56171-4	CS-4 (2.5')	120	107
880-56171-5	CS-5 (2.5')	119	111
880-56171-6	CS-6 (2.5')	123	106
880-56171-7	CS-7 (1.0')	119	105
880-56171-8	CS-8 (1.0')	123	104
880-56171-9	CS-9 (1.0')	116	101
880-56171-10	CS-10 (1.0')	120	106
880-56171-11	CS-11 (1.0')	87	106
880-56171-12	CS-12 (1.0')	118	114
880-56171-13	CS-13 (1.0')	108	106
880-56171-14	CS-14 (1.0')	112	106
880-56171-15	CS-15 (1.0')	115	109
880-56171-16	SW-1 (4.25')	109	106
880-56171-17	SW-2 (4.25')	124	106
880-56171-18	SW-3 (4.25')	122	107
880-56171-19	SW-4 (4.25')	119	113
880-56171-20	SW-5 (2.5'-4.25')	136 S1+	118
880-56171-21	SW-6 (2.5")	112	88
880-56171-22	SW-7 (2.5")	104	91
880-56171-23	SW-8 (2.5")	110	88
880-56171-24	SW-9 (2.5")	113	90
880-56171-25	SW-10 (2.5")	102	89
880-56171-26	SW-11 (2.5")	105	90
880-56171-27	SW-12 (2.5")	110	87
880-56171-28	SW-13 (1.0-2.5")	110	88
880-56171-29	SW-14 (1.0")	109	94
880-56171-29 MS	SW-14 (1.0")	109	99
880-56171-29 MSD	SW-14 (1.0")	111	98
880-56171-30	SW-15 (1.0")	109	91
880-56171-31	SW-16 (1.0")	108	93
880-56171-32	SW-17 (1.0")	107	94
880-56171-33	SW-18 (1.0")	111	89
880-56171-34	SW-19 (1.0")	109	92
880-56171-35	SW-20 (1.0")	106	90
880-56171-36	SW-21 (1.0")	106	90
880-56171-37	SW-22 (1.0")	106	94
880-56171-38	SW-23 (1.0")	111	90
880-56171-39	SW-24 (1.0")	113	94
LCS 880-106307/1-A	Lab Control Sample	104	97
LCS 880-106347/1-A	Lab Control Sample	78	101
LCS 880-106349/1-A	Lab Control Sample	111	96
LCSD 880-106307/2-A	Lab Control Sample Dup	101	94

Surrogate Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-106347/2-A	Lab Control Sample Dup	109	97
LCSD 880-106349/2-A	Lab Control Sample Dup	114	97
MB 880-106307/5-A	Method Blank	106	83
MB 880-106347/5-A	Method Blank	239 S1+	136 S1+
MB 880-106349/5-A	Method Blank	96	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**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-56171-1	CS-1 (4.25')	98	98
880-56171-1 MS	CS-1 (4.25')	73	83
880-56171-1 MSD	CS-1 (4.25')	71	81
880-56171-2	CS-2 (4.25')	86	88
880-56171-3	CS-3 (2.5')	86	89
880-56171-4	CS-4 (2.5')	75	77
880-56171-5	CS-5 (2.5')	98	99
880-56171-6	CS-6 (2.5')	95	97
880-56171-7	CS-7 (1.0')	94	97
880-56171-8	CS-8 (1.0')	87	86
880-56171-9	CS-9 (1.0')	104	104
880-56171-10	CS-10 (1.0')	85	85
880-56171-11	CS-11 (1.0')	92	93
880-56171-12	CS-12 (1.0')	88	91
880-56171-13	CS-13 (1.0')	86	87
880-56171-14	CS-14 (1.0')	86	90
880-56171-15	CS-15 (1.0')	97	101
880-56171-16	SW-1 (4.25')	93	93
880-56171-17	SW-2 (4.25')	95	96
880-56171-18	SW-3 (4.25')	95	95
880-56171-19	SW-4 (4.25')	98	97
880-56171-20	SW-5 (2.5'-4.25')	101	101
880-56171-21	SW-6 (2.5")	99	94
880-56171-21 MS	SW-6 (2.5")	65 S1-	70
880-56171-21 MSD	SW-6 (2.5")	70	73
880-56171-22	SW-7 (2.5")	103	99
880-56171-23	SW-8 (2.5")	72	71
880-56171-24	SW-9 (2.5")	70	67 S1-
880-56171-25	SW-10 (2.5")	80	74
880-56171-26	SW-11 (2.5")	71	68 S1-
880-56171-27	SW-12 (2.5")	78	72
880-56171-28	SW-13 (1.0-2.5")	78	68 S1-
880-56171-29	SW-14 (1.0")	72	68 S1-
880-56171-30	SW-15 (1.0")	75	69 S1-
880-56171-31	SW-16 (1.0")	81	71

Surrogate Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-56171-32	SW-17 (1.0")	78	73
880-56171-33	SW-18 (1.0")	77	71
880-56171-34	SW-19 (1.0")	80	74
880-56171-35	SW-20 (1.0")	79	73
880-56171-36	SW-21 (1.0")	110	107
880-56171-37	SW-22 (1.0")	100	97
880-56171-38	SW-23 (1.0")	94	91
880-56171-39	SW-24 (1.0")	99	97
880-56344-A-5-E MS	Matrix Spike	97	108
880-56344-A-5-F MSD	Matrix Spike Duplicate	101	111
890-7882-A-17-C MS	Matrix Spike	124	144 S1+
890-7882-A-17-D MSD	Matrix Spike Duplicate	109	125
LCS 880-106352/2-A	Lab Control Sample	117	136 S1+
LCS 880-106353/2-A	Lab Control Sample	146 S1+	137 S1+
LCS 880-106446/2-A	Lab Control Sample	92	108
LCS 880-106736/2-A	Lab Control Sample	167 S1+	157 S1+
LCSD 880-106352/3-A	Lab Control Sample Dup	117	137 S1+
LCSD 880-106353/3-A	Lab Control Sample Dup	133 S1+	122
LCSD 880-106446/3-A	Lab Control Sample Dup	89	102
LCSD 880-106736/3-A	Lab Control Sample Dup	129	138 S1+
MB 880-106352/1-A	Method Blank	136 S1+	140 S1+
MB 880-106353/1-A	Method Blank	103	104
MB 880-106446/1-A	Method Blank	70	72
MB 880-106736/1-A	Method Blank	114	111

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106307/5-A
Matrix: Solid
Analysis Batch: 106301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106307

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/28/25 09:15	03/28/25 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 09:15	03/28/25 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 09:15	03/28/25 11:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/28/25 09:15	03/28/25 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 09:15	03/28/25 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/28/25 09:15	03/28/25 11:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*03/28/25 09:15*	*03/28/25 11:51*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/28/25 09:15*	*03/28/25 11:51*	*1*

Lab Sample ID: LCS 880-106307/1-A
Matrix: Solid
Analysis Batch: 106301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106307

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1029		mg/Kg		103	70 - 130
Toluene	0.100	0.09316		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09829		mg/Kg		98	70 - 130
m,p-Xylenes	0.200	0.2109		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-106307/2-A
Matrix: Solid
Analysis Batch: 106301

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106307

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09895		mg/Kg		99	70 - 130	4	35
Toluene	0.100	0.08958		mg/Kg		90	70 - 130	4	35
Ethylbenzene	0.100	0.09496		mg/Kg		95	70 - 130	3	35
m,p-Xylenes	0.200	0.2028		mg/Kg		101	70 - 130	4	35
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-56133-A-1-B MS
Matrix: Solid
Analysis Batch: 106301

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1036		mg/Kg		104	70 - 130
Toluene	<0.00200	U	0.100	0.09183		mg/Kg		92	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56133-A-1-B MS
Matrix: Solid
Analysis Batch: 106301

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09545		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00401	U	0.200	0.2023		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.1002		mg/Kg		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-56133-A-1-C MSD
Matrix: Solid
Analysis Batch: 106301

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 106307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09730		mg/Kg		97	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.08753		mg/Kg		88	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.09178		mg/Kg		92	70 - 130	4	35
m,p-Xylenes	<0.00401	U	0.200	0.1954		mg/Kg		98	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.09729		mg/Kg		97	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 880-106347/5-A
Matrix: Solid
Analysis Batch: 106302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 16:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 16:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 16:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/28/25 13:01	03/28/25 16:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:01	03/28/25 16:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/28/25 13:01	03/28/25 16:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*239*	*S1+*	*70 - 130*	*03/28/25 13:01*	*03/28/25 16:33*	*1*
1,4-Difluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*03/28/25 13:01*	*03/28/25 16:33*	*1*

Lab Sample ID: LCS 880-106347/1-A
Matrix: Solid
Analysis Batch: 106302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09349		mg/Kg		93	70 - 130
Toluene	0.100	0.08924		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.07446		mg/Kg		74	70 - 130
m,p-Xylenes	0.200	0.1806		mg/Kg		90	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-106347/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106302 — **Prep Batch: 106347**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.08659		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-106347/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106302 — **Prep Batch: 106347**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09852		mg/Kg		99	70 - 130	NaN	35
Toluene			0.100	0.09435		mg/Kg		94	70 - 130	NaN	35
Ethylbenzene			0.100	0.1040		mg/Kg		104	70 - 130	NaN	35
m,p-Xylenes			0.200	0.2066		mg/Kg		103	70 - 130	NaN	35
o-Xylene			0.100	0.09642		mg/Kg		96	70 - 130	NaN	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-56171-1 MS — **Client Sample ID: CS-1 (4.25')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106302 — **Prep Batch: 106347**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08141		mg/Kg		81	70 - 130		
Toluene	<0.00200	U	0.100	0.08426		mg/Kg		84	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08512		mg/Kg		85	70 - 130		
m,p-Xylenes	<0.00401	U	0.200	0.1886		mg/Kg		94	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08849		mg/Kg		88	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-56171-1 MSD — **Client Sample ID: CS-1 (4.25')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106302 — **Prep Batch: 106347**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09532		mg/Kg		95	70 - 130	16	35
Toluene	<0.00200	U	0.100	0.09101		mg/Kg		91	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.09406		mg/Kg		94	70 - 130	10	35
m,p-Xylenes	<0.00401	U	0.200	0.1859		mg/Kg		93	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08597		mg/Kg		86	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56171-1 MSD
Matrix: Solid
Analysis Batch: 106302

Client Sample ID: CS-1 (4.25')
Prep Type: Total/NA
Prep Batch: 106347

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-106349/5-A
Matrix: Solid
Analysis Batch: 106452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106349

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 12:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 12:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 12:04	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/28/25 13:06	03/31/25 12:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/28/25 13:06	03/31/25 12:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/28/25 13:06	03/31/25 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	03/28/25 13:06	03/31/25 12:04	1
1,4-Difluorobenzene (Surr)	82		70 - 130	03/28/25 13:06	03/31/25 12:04	1

Lab Sample ID: LCS 880-106349/1-A
Matrix: Solid
Analysis Batch: 106452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09780		mg/Kg		98	70 - 130
Toluene	0.100	0.09201		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.08745		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1860		mg/Kg		93	70 - 130
o-Xylene	0.100	0.08870		mg/Kg		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-106349/2-A
Matrix: Solid
Analysis Batch: 106452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106349

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1039		mg/Kg		104	70 - 130	6	35
Toluene	0.100	0.09730		mg/Kg		97	70 - 130	6	35
Ethylbenzene	0.100	0.09450		mg/Kg		94	70 - 130	8	35
m,p-Xylenes	0.200	0.2040		mg/Kg		102	70 - 130	9	35
o-Xylene	0.100	0.09703		mg/Kg		97	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-106349/2-A
Matrix: Solid
Analysis Batch: 106452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106349

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

Lab Sample ID: 880-56171-29 MS
Matrix: Solid
Analysis Batch: 106452

Client Sample ID: SW-14 (1.0")
Prep Type: Total/NA
Prep Batch: 106349

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08877		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.100	0.07853		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07339		mg/Kg		73	70 - 130
m,p-Xylenes	<0.00401	U F1	0.200	0.1229	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00200	U	0.100	0.07550		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-56171-29 MSD
Matrix: Solid
Analysis Batch: 106452

Client Sample ID: SW-14 (1.0")
Prep Type: Total/NA
Prep Batch: 106349

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09661		mg/Kg		97	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.08623		mg/Kg		86	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.08071		mg/Kg		81	70 - 130	9	35
m,p-Xylenes	<0.00401	U F1	0.200	0.1497		mg/Kg		75	70 - 130	20	35
o-Xylene	<0.00200	U	0.100	0.08277		mg/Kg		83	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

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

Lab Sample ID: MB 880-106352/1-A
Matrix: Solid
Analysis Batch: 106417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106352

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		03/28/25 13:37	03/29/25 09:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:37	03/29/25 09:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:37	03/29/25 09:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	136	S1+	70 - 130	03/28/25 13:37	03/29/25 09:31	1
o-Terphenyl (Surr)	140	S1+	70 - 130	03/28/25 13:37	03/29/25 09:31	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-106352/2-A
Matrix: Solid
Analysis Batch: 106417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106352

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1027		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1197		mg/Kg		120	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*117*		*70 - 130*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-106352/3-A
Matrix: Solid
Analysis Batch: 106417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106352

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1026		mg/Kg		103	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1235		mg/Kg		124	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*117*		*70 - 130*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*

Lab Sample ID: 880-56171-1 MS
Matrix: Solid
Analysis Batch: 106417

Client Sample ID: CS-1 (4.25')
Prep Type: Total/NA
Prep Batch: 106352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	998	599.4	F1	mg/Kg		60	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	998	824.9		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*73*		*70 - 130*
o-Terphenyl (Surr)	*83*		*70 - 130*

Lab Sample ID: 880-56171-1 MSD
Matrix: Solid
Analysis Batch: 106417

Client Sample ID: CS-1 (4.25')
Prep Type: Total/NA
Prep Batch: 106352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	998	589.1	F1	mg/Kg		59	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	998	778.9		mg/Kg		78	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*71*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56171-1 MSD
Matrix: Solid
Analysis Batch: 106417

Client Sample ID: CS-1 (4.25')
Prep Type: Total/NA
Prep Batch: 106352

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: MB 880-106353/1-A
Matrix: Solid
Analysis Batch: 106416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106353

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		03/28/25 13:37	03/29/25 09:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/28/25 13:37	03/29/25 09:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/28/25 13:37	03/29/25 09:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	03/28/25 13:37	03/29/25 09:31	1
o-Terphenyl (Surr)	104		70 - 130	03/28/25 13:37	03/29/25 09:31	1

Lab Sample ID: LCS 880-106353/2-A
Matrix: Solid
Analysis Batch: 106416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106353

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	981.6		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1090		mg/Kg		109	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	146	S1+	70 - 130
o-Terphenyl (Surr)	137	S1+	70 - 130

Lab Sample ID: LCSD 880-106353/3-A
Matrix: Solid
Analysis Batch: 106416

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106353

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	926.6		mg/Kg		93	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	971.7		mg/Kg		97	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	122		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56171-21 MS — **Client Sample ID: SW-6 (2.5")**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106416 — **Prep Batch: 106353**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	1000	554.0	F1	mg/Kg		55	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	702.3		mg/Kg		70	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*70*		*70 - 130*

Lab Sample ID: 880-56171-21 MSD — **Client Sample ID: SW-6 (2.5")**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106416 — **Prep Batch: 106353**

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 F1	1000	607.8	F1	mg/Kg		61	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	725.9		mg/Kg		73	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*70*		*70 - 130*
o-Terphenyl (Surr)	*73*		*70 - 130*

Lab Sample ID: MB 880-106446/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106490 — **Prep Batch: 106446**

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		03/31/25 08:22	03/31/25 09:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/25 08:22	03/31/25 09:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/25 08:22	03/31/25 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*03/31/25 08:22*	*03/31/25 09:48*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*03/31/25 08:22*	*03/31/25 09:48*	*1*

Lab Sample ID: LCS 880-106446/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106490 — **Prep Batch: 106446**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	791.4		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	1000	961.1		mg/Kg		96	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-106446/2-A
Matrix: Solid
Analysis Batch: 106490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106446

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-106446/3-A
Matrix: Solid
Analysis Batch: 106490

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106446

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	757.3		mg/Kg		76	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	939.9		mg/Kg		94	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	102		70 - 130

Lab Sample ID: 890-7882-A-17-C MS
Matrix: Solid
Analysis Batch: 106490

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106446

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U F1	992	785.2		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	132		992	1188		mg/Kg		107	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	144	S1+	70 - 130

Lab Sample ID: 890-7882-A-17-D MSD
Matrix: Solid
Analysis Batch: 106490

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 106446

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	<49.7	U F1	992	669.3	F1	mg/Kg		67	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	132		992	1041		mg/Kg		92	70 - 130	13	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	125		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-106736/1-A
Matrix: Solid
Analysis Batch: 106731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106736

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/02/25 09:34	04/02/25 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/02/25 09:34	04/02/25 09:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/02/25 09:34	04/02/25 09:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/02/25 09:34*	*04/02/25 09:36*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/02/25 09:34*	*04/02/25 09:36*	*1*

Lab Sample ID: LCS 880-106736/2-A
Matrix: Solid
Analysis Batch: 106731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106736

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1032		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1251		mg/Kg		125	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*167*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*157*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-106736/3-A
Matrix: Solid
Analysis Batch: 106731

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106736

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1014		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1194		mg/Kg		119	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*129*		*70 - 130*
o-Terphenyl (Surr)	*138*	*S1+*	*70 - 130*

Lab Sample ID: 880-56344-A-5-E MS
Matrix: Solid
Analysis Batch: 106731

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	765.9		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	73.6		999	926.8		mg/Kg		85	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56344-A-5-E MS
Matrix: Solid
Analysis Batch: 106731

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106736

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: 880-56344-A-5-F MSD
Matrix: Solid
Analysis Batch: 106731

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 106736

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	999	792.9		mg/Kg		79	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	73.6		999	956.9		mg/Kg		88	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	111		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-106363/1-A
Matrix: Solid
Analysis Batch: 106536

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/31/25 20:38	1

Lab Sample ID: LCS 880-106363/2-A
Matrix: Solid
Analysis Batch: 106536

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.5		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-106363/3-A
Matrix: Solid
Analysis Batch: 106536

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	250.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-56171-1 MS
Matrix: Solid
Analysis Batch: 106536

Client Sample ID: CS-1 (4.25')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4300	F1	1250	5643		mg/Kg		108	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-56171-1 MSD — **Client Sample ID: CS-1 (4.25')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 106536

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4300	F1	1250	5692	F1	mg/Kg		111	90 - 110	1	20

Lab Sample ID: 880-56171-11 MS — **Client Sample ID: CS-11 (1.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 106536

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	118	F1	251	400.2	F1	mg/Kg		113	90 - 110

Lab Sample ID: 880-56171-11 MSD — **Client Sample ID: CS-11 (1.0')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 106536

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118	F1	251	401.2	F1	mg/Kg		113	90 - 110	0	20

Lab Sample ID: MB 880-106365/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 106537

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/31/25 23:59	1

Lab Sample ID: LCS 880-106365/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 106537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-106365/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 106537

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-56171-21 MS — **Client Sample ID: SW-6 (2.5")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 106537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	104		251	349.0		mg/Kg		98	90 - 110

Lab Sample ID: 880-56171-21 MSD — **Client Sample ID: SW-6 (2.5")**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 106537

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	104		251	350.0		mg/Kg		98	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56171-31 MS
Matrix: Solid
Analysis Batch: 106537

Client Sample ID: SW-16 (1.0")
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	163		250	391.0		mg/Kg		91	90 - 110

Lab Sample ID: 880-56171-31 MSD
Matrix: Solid
Analysis Batch: 106537

Client Sample ID: SW-16 (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	163		250	391.5		mg/Kg		91	90 - 110	0	20

Lab Sample ID: MB 880-106366/1-A
Matrix: Solid
Analysis Batch: 106570

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/01/25 02:52	1

Lab Sample ID: LCS 880-106366/2-A
Matrix: Solid
Analysis Batch: 106570

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.0		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-106366/3-A
Matrix: Solid
Analysis Batch: 106570

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	248.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-56171-36 MS
Matrix: Solid
Analysis Batch: 106570

Client Sample ID: SW-21 (1.0")
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	146	F1	253	429.9	F1	mg/Kg		113	90 - 110

Lab Sample ID: 880-56171-36 MSD
Matrix: Solid
Analysis Batch: 106570

Client Sample ID: SW-21 (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	146	F1	253	431.8	F1	mg/Kg		113	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 106301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-21	SW-6 (2.5")	Total/NA	Solid	8021B	106307
880-56171-22	SW-7 (2.5")	Total/NA	Solid	8021B	106307
880-56171-23	SW-8 (2.5")	Total/NA	Solid	8021B	106307
880-56171-24	SW-9 (2.5")	Total/NA	Solid	8021B	106307
880-56171-25	SW-10 (2.5")	Total/NA	Solid	8021B	106307
880-56171-26	SW-11 (2.5")	Total/NA	Solid	8021B	106307
880-56171-27	SW-12 (2.5")	Total/NA	Solid	8021B	106307
880-56171-28	SW-13 (1.0-2.5")	Total/NA	Solid	8021B	106307
MB 880-106307/5-A	Method Blank	Total/NA	Solid	8021B	106307
LCS 880-106307/1-A	Lab Control Sample	Total/NA	Solid	8021B	106307
LCSD 880-106307/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106307
880-56133-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	106307
880-56133-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106307

Analysis Batch: 106302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-1	CS-1 (4.25')	Total/NA	Solid	8021B	106347
880-56171-2	CS-2 (4.25')	Total/NA	Solid	8021B	106347
880-56171-3	CS-3 (2.5')	Total/NA	Solid	8021B	106347
880-56171-4	CS-4 (2.5')	Total/NA	Solid	8021B	106347
880-56171-5	CS-5 (2.5')	Total/NA	Solid	8021B	106347
880-56171-6	CS-6 (2.5')	Total/NA	Solid	8021B	106347
880-56171-7	CS-7 (1.0')	Total/NA	Solid	8021B	106347
880-56171-8	CS-8 (1.0')	Total/NA	Solid	8021B	106347
880-56171-9	CS-9 (1.0')	Total/NA	Solid	8021B	106347
880-56171-10	CS-10 (1.0')	Total/NA	Solid	8021B	106347
880-56171-11	CS-11 (1.0')	Total/NA	Solid	8021B	106347
880-56171-12	CS-12 (1.0')	Total/NA	Solid	8021B	106347
880-56171-13	CS-13 (1.0')	Total/NA	Solid	8021B	106347
880-56171-14	CS-14 (1.0')	Total/NA	Solid	8021B	106347
880-56171-15	CS-15 (1.0')	Total/NA	Solid	8021B	106347
880-56171-16	SW-1 (4.25')	Total/NA	Solid	8021B	106347
880-56171-17	SW-2 (4.25')	Total/NA	Solid	8021B	106347
880-56171-18	SW-3 (4.25')	Total/NA	Solid	8021B	106347
880-56171-19	SW-4 (4.25')	Total/NA	Solid	8021B	106347
880-56171-20	SW-5 (2.5'-4.25')	Total/NA	Solid	8021B	106347
MB 880-106347/5-A	Method Blank	Total/NA	Solid	8021B	106347
LCS 880-106347/1-A	Lab Control Sample	Total/NA	Solid	8021B	106347
LCSD 880-106347/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106347
880-56171-1 MS	CS-1 (4.25')	Total/NA	Solid	8021B	106347
880-56171-1 MSD	CS-1 (4.25')	Total/NA	Solid	8021B	106347

Prep Batch: 106307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-21	SW-6 (2.5")	Total/NA	Solid	5035	
880-56171-22	SW-7 (2.5")	Total/NA	Solid	5035	
880-56171-23	SW-8 (2.5")	Total/NA	Solid	5035	
880-56171-24	SW-9 (2.5")	Total/NA	Solid	5035	
880-56171-25	SW-10 (2.5")	Total/NA	Solid	5035	
880-56171-26	SW-11 (2.5")	Total/NA	Solid	5035	
880-56171-27	SW-12 (2.5")	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 106307 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-28	SW-13 (1.0-2.5")	Total/NA	Solid	5035	
MB 880-106307/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106307/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106307/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56133-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-56133-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 106347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-1	CS-1 (4.25')	Total/NA	Solid	5035	
880-56171-2	CS-2 (4.25')	Total/NA	Solid	5035	
880-56171-3	CS-3 (2.5')	Total/NA	Solid	5035	
880-56171-4	CS-4 (2.5')	Total/NA	Solid	5035	
880-56171-5	CS-5 (2.5')	Total/NA	Solid	5035	
880-56171-6	CS-6 (2.5')	Total/NA	Solid	5035	
880-56171-7	CS-7 (1.0')	Total/NA	Solid	5035	
880-56171-8	CS-8 (1.0')	Total/NA	Solid	5035	
880-56171-9	CS-9 (1.0')	Total/NA	Solid	5035	
880-56171-10	CS-10 (1.0')	Total/NA	Solid	5035	
880-56171-11	CS-11 (1.0')	Total/NA	Solid	5035	
880-56171-12	CS-12 (1.0')	Total/NA	Solid	5035	
880-56171-13	CS-13 (1.0')	Total/NA	Solid	5035	
880-56171-14	CS-14 (1.0')	Total/NA	Solid	5035	
880-56171-15	CS-15 (1.0')	Total/NA	Solid	5035	
880-56171-16	SW-1 (4.25')	Total/NA	Solid	5035	
880-56171-17	SW-2 (4.25')	Total/NA	Solid	5035	
880-56171-18	SW-3 (4.25')	Total/NA	Solid	5035	
880-56171-19	SW-4 (4.25')	Total/NA	Solid	5035	
880-56171-20	SW-5 (2.5'-4.25')	Total/NA	Solid	5035	
MB 880-106347/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106347/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106347/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56171-1 MS	CS-1 (4.25')	Total/NA	Solid	5035	
880-56171-1 MSD	CS-1 (4.25')	Total/NA	Solid	5035	

Prep Batch: 106349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-29	SW-14 (1.0")	Total/NA	Solid	5035	
880-56171-30	SW-15 (1.0")	Total/NA	Solid	5035	
880-56171-31	SW-16 (1.0")	Total/NA	Solid	5035	
880-56171-32	SW-17 (1.0")	Total/NA	Solid	5035	
880-56171-33	SW-18 (1.0")	Total/NA	Solid	5035	
880-56171-34	SW-19 (1.0")	Total/NA	Solid	5035	
880-56171-35	SW-20 (1.0")	Total/NA	Solid	5035	
880-56171-36	SW-21 (1.0")	Total/NA	Solid	5035	
880-56171-37	SW-22 (1.0")	Total/NA	Solid	5035	
880-56171-38	SW-23 (1.0")	Total/NA	Solid	5035	
880-56171-39	SW-24 (1.0")	Total/NA	Solid	5035	
MB 880-106349/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106349/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106349/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

GC VOA (Continued)

Prep Batch: 106349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-29 MS	SW-14 (1.0")	Total/NA	Solid	5035	
880-56171-29 MSD	SW-14 (1.0")	Total/NA	Solid	5035	

Analysis Batch: 106452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-29	SW-14 (1.0")	Total/NA	Solid	8021B	106349
880-56171-30	SW-15 (1.0")	Total/NA	Solid	8021B	106349
880-56171-31	SW-16 (1.0")	Total/NA	Solid	8021B	106349
880-56171-32	SW-17 (1.0")	Total/NA	Solid	8021B	106349
880-56171-33	SW-18 (1.0")	Total/NA	Solid	8021B	106349
880-56171-34	SW-19 (1.0")	Total/NA	Solid	8021B	106349
880-56171-35	SW-20 (1.0")	Total/NA	Solid	8021B	106349
880-56171-36	SW-21 (1.0")	Total/NA	Solid	8021B	106349
880-56171-37	SW-22 (1.0")	Total/NA	Solid	8021B	106349
880-56171-38	SW-23 (1.0")	Total/NA	Solid	8021B	106349
880-56171-39	SW-24 (1.0")	Total/NA	Solid	8021B	106349
MB 880-106349/5-A	Method Blank	Total/NA	Solid	8021B	106349
LCS 880-106349/1-A	Lab Control Sample	Total/NA	Solid	8021B	106349
LCSD 880-106349/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106349
880-56171-29 MS	SW-14 (1.0")	Total/NA	Solid	8021B	106349
880-56171-29 MSD	SW-14 (1.0")	Total/NA	Solid	8021B	106349

Analysis Batch: 106566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-1	CS-1 (4.25')	Total/NA	Solid	Total BTEX	
880-56171-2	CS-2 (4.25')	Total/NA	Solid	Total BTEX	
880-56171-3	CS-3 (2.5')	Total/NA	Solid	Total BTEX	
880-56171-4	CS-4 (2.5')	Total/NA	Solid	Total BTEX	
880-56171-5	CS-5 (2.5')	Total/NA	Solid	Total BTEX	
880-56171-6	CS-6 (2.5')	Total/NA	Solid	Total BTEX	
880-56171-7	CS-7 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-8	CS-8 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-9	CS-9 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-10	CS-10 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-11	CS-11 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-12	CS-12 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-13	CS-13 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-14	CS-14 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-15	CS-15 (1.0')	Total/NA	Solid	Total BTEX	
880-56171-16	SW-1 (4.25')	Total/NA	Solid	Total BTEX	
880-56171-17	SW-2 (4.25')	Total/NA	Solid	Total BTEX	
880-56171-18	SW-3 (4.25')	Total/NA	Solid	Total BTEX	
880-56171-19	SW-4 (4.25')	Total/NA	Solid	Total BTEX	
880-56171-20	SW-5 (2.5'-4.25')	Total/NA	Solid	Total BTEX	
880-56171-21	SW-6 (2.5")	Total/NA	Solid	Total BTEX	
880-56171-22	SW-7 (2.5")	Total/NA	Solid	Total BTEX	
880-56171-23	SW-8 (2.5")	Total/NA	Solid	Total BTEX	
880-56171-24	SW-9 (2.5")	Total/NA	Solid	Total BTEX	
880-56171-25	SW-10 (2.5")	Total/NA	Solid	Total BTEX	
880-56171-26	SW-11 (2.5")	Total/NA	Solid	Total BTEX	
880-56171-27	SW-12 (2.5")	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

GC VOA (Continued)

Analysis Batch: 106566 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-28	SW-13 (1.0-2.5")	Total/NA	Solid	Total BTEX	
880-56171-29	SW-14 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-30	SW-15 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-31	SW-16 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-32	SW-17 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-33	SW-18 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-34	SW-19 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-35	SW-20 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-36	SW-21 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-37	SW-22 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-38	SW-23 (1.0")	Total/NA	Solid	Total BTEX	
880-56171-39	SW-24 (1.0")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 106352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-1	CS-1 (4.25')	Total/NA	Solid	8015NM Prep	
880-56171-2	CS-2 (4.25')	Total/NA	Solid	8015NM Prep	
880-56171-3	CS-3 (2.5')	Total/NA	Solid	8015NM Prep	
880-56171-4	CS-4 (2.5')	Total/NA	Solid	8015NM Prep	
880-56171-5	CS-5 (2.5')	Total/NA	Solid	8015NM Prep	
880-56171-6	CS-6 (2.5')	Total/NA	Solid	8015NM Prep	
880-56171-7	CS-7 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-8	CS-8 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-9	CS-9 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-10	CS-10 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-11	CS-11 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-12	CS-12 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-13	CS-13 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-14	CS-14 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-15	CS-15 (1.0')	Total/NA	Solid	8015NM Prep	
880-56171-16	SW-1 (4.25')	Total/NA	Solid	8015NM Prep	
880-56171-17	SW-2 (4.25')	Total/NA	Solid	8015NM Prep	
880-56171-18	SW-3 (4.25')	Total/NA	Solid	8015NM Prep	
880-56171-19	SW-4 (4.25')	Total/NA	Solid	8015NM Prep	
880-56171-20	SW-5 (2.5'-4.25')	Total/NA	Solid	8015NM Prep	
MB 880-106352/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106352/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106352/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56171-1 MS	CS-1 (4.25')	Total/NA	Solid	8015NM Prep	
880-56171-1 MSD	CS-1 (4.25')	Total/NA	Solid	8015NM Prep	

Prep Batch: 106353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-23	SW-8 (2.5")	Total/NA	Solid	8015NM Prep	
880-56171-24	SW-9 (2.5")	Total/NA	Solid	8015NM Prep	
880-56171-25	SW-10 (2.5")	Total/NA	Solid	8015NM Prep	
880-56171-26	SW-11 (2.5")	Total/NA	Solid	8015NM Prep	
880-56171-27	SW-12 (2.5")	Total/NA	Solid	8015NM Prep	
880-56171-28	SW-13 (1.0-2.5")	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Prep Batch: 106353 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-29	SW-14 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-30	SW-15 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-31	SW-16 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-32	SW-17 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-33	SW-18 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-34	SW-19 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-35	SW-20 (1.0")	Total/NA	Solid	8015NM Prep	
MB 880-106353/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106353/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106353/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56171-21 MS	SW-6 (2.5")	Total/NA	Solid	8015NM Prep	
880-56171-21 MSD	SW-6 (2.5")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-23	SW-8 (2.5")	Total/NA	Solid	8015B NM	106353
880-56171-24	SW-9 (2.5")	Total/NA	Solid	8015B NM	106353
880-56171-25	SW-10 (2.5")	Total/NA	Solid	8015B NM	106353
880-56171-26	SW-11 (2.5")	Total/NA	Solid	8015B NM	106353
880-56171-27	SW-12 (2.5")	Total/NA	Solid	8015B NM	106353
880-56171-28	SW-13 (1.0-2.5")	Total/NA	Solid	8015B NM	106353
880-56171-29	SW-14 (1.0")	Total/NA	Solid	8015B NM	106353
880-56171-30	SW-15 (1.0")	Total/NA	Solid	8015B NM	106353
880-56171-31	SW-16 (1.0")	Total/NA	Solid	8015B NM	106353
880-56171-32	SW-17 (1.0")	Total/NA	Solid	8015B NM	106353
880-56171-33	SW-18 (1.0")	Total/NA	Solid	8015B NM	106353
880-56171-34	SW-19 (1.0")	Total/NA	Solid	8015B NM	106353
880-56171-35	SW-20 (1.0")	Total/NA	Solid	8015B NM	106353
MB 880-106353/1-A	Method Blank	Total/NA	Solid	8015B NM	106353
LCS 880-106353/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106353
LCSD 880-106353/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106353
880-56171-21 MS	SW-6 (2.5")	Total/NA	Solid	8015B NM	106353
880-56171-21 MSD	SW-6 (2.5")	Total/NA	Solid	8015B NM	106353

Analysis Batch: 106417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-1	CS-1 (4.25')	Total/NA	Solid	8015B NM	106352
880-56171-2	CS-2 (4.25')	Total/NA	Solid	8015B NM	106352
880-56171-3	CS-3 (2.5')	Total/NA	Solid	8015B NM	106352
880-56171-4	CS-4 (2.5')	Total/NA	Solid	8015B NM	106352
880-56171-5	CS-5 (2.5')	Total/NA	Solid	8015B NM	106352
880-56171-6	CS-6 (2.5')	Total/NA	Solid	8015B NM	106352
880-56171-7	CS-7 (1.0')	Total/NA	Solid	8015B NM	106352
880-56171-8	CS-8 (1.0')	Total/NA	Solid	8015B NM	106352
880-56171-9	CS-9 (1.0')	Total/NA	Solid	8015B NM	106352
880-56171-10	CS-10 (1.0')	Total/NA	Solid	8015B NM	106352
880-56171-11	CS-11 (1.0')	Total/NA	Solid	8015B NM	106352
880-56171-12	CS-12 (1.0')	Total/NA	Solid	8015B NM	106352
880-56171-13	CS-13 (1.0')	Total/NA	Solid	8015B NM	106352
880-56171-14	CS-14 (1.0')	Total/NA	Solid	8015B NM	106352
880-56171-15	CS-15 (1.0')	Total/NA	Solid	8015B NM	106352

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 106417 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-16	SW-1 (4.25')	Total/NA	Solid	8015B NM	106352
880-56171-17	SW-2 (4.25')	Total/NA	Solid	8015B NM	106352
880-56171-18	SW-3 (4.25')	Total/NA	Solid	8015B NM	106352
880-56171-19	SW-4 (4.25')	Total/NA	Solid	8015B NM	106352
880-56171-20	SW-5 (2.5'-4.25')	Total/NA	Solid	8015B NM	106352
MB 880-106352/1-A	Method Blank	Total/NA	Solid	8015B NM	106352
LCS 880-106352/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106352
LCSD 880-106352/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106352
880-56171-1 MS	CS-1 (4.25')	Total/NA	Solid	8015B NM	106352
880-56171-1 MSD	CS-1 (4.25')	Total/NA	Solid	8015B NM	106352

Prep Batch: 106446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-36	SW-21 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-37	SW-22 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-38	SW-23 (1.0")	Total/NA	Solid	8015NM Prep	
880-56171-39	SW-24 (1.0")	Total/NA	Solid	8015NM Prep	
MB 880-106446/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106446/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106446/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7882-A-17-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7882-A-17-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-36	SW-21 (1.0")	Total/NA	Solid	8015B NM	106446
880-56171-37	SW-22 (1.0")	Total/NA	Solid	8015B NM	106446
880-56171-38	SW-23 (1.0")	Total/NA	Solid	8015B NM	106446
880-56171-39	SW-24 (1.0")	Total/NA	Solid	8015B NM	106446
MB 880-106446/1-A	Method Blank	Total/NA	Solid	8015B NM	106446
LCS 880-106446/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106446
LCSD 880-106446/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106446
890-7882-A-17-C MS	Matrix Spike	Total/NA	Solid	8015B NM	106446
890-7882-A-17-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106446

Analysis Batch: 106508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-1	CS-1 (4.25')	Total/NA	Solid	8015 NM	
880-56171-2	CS-2 (4.25')	Total/NA	Solid	8015 NM	
880-56171-3	CS-3 (2.5')	Total/NA	Solid	8015 NM	
880-56171-4	CS-4 (2.5')	Total/NA	Solid	8015 NM	
880-56171-5	CS-5 (2.5')	Total/NA	Solid	8015 NM	
880-56171-6	CS-6 (2.5')	Total/NA	Solid	8015 NM	
880-56171-7	CS-7 (1.0')	Total/NA	Solid	8015 NM	
880-56171-8	CS-8 (1.0')	Total/NA	Solid	8015 NM	
880-56171-9	CS-9 (1.0')	Total/NA	Solid	8015 NM	
880-56171-10	CS-10 (1.0')	Total/NA	Solid	8015 NM	
880-56171-11	CS-11 (1.0')	Total/NA	Solid	8015 NM	
880-56171-12	CS-12 (1.0')	Total/NA	Solid	8015 NM	
880-56171-13	CS-13 (1.0')	Total/NA	Solid	8015 NM	
880-56171-14	CS-14 (1.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 106508 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-15	CS-15 (1.0')	Total/NA	Solid	8015 NM	
880-56171-16	SW-1 (4.25')	Total/NA	Solid	8015 NM	
880-56171-17	SW-2 (4.25')	Total/NA	Solid	8015 NM	
880-56171-18	SW-3 (4.25')	Total/NA	Solid	8015 NM	
880-56171-19	SW-4 (4.25')	Total/NA	Solid	8015 NM	
880-56171-20	SW-5 (2.5'-4.25')	Total/NA	Solid	8015 NM	
880-56171-21	SW-6 (2.5")	Total/NA	Solid	8015 NM	
880-56171-22	SW-7 (2.5")	Total/NA	Solid	8015 NM	
880-56171-23	SW-8 (2.5")	Total/NA	Solid	8015 NM	
880-56171-24	SW-9 (2.5")	Total/NA	Solid	8015 NM	
880-56171-25	SW-10 (2.5")	Total/NA	Solid	8015 NM	
880-56171-26	SW-11 (2.5")	Total/NA	Solid	8015 NM	
880-56171-27	SW-12 (2.5")	Total/NA	Solid	8015 NM	
880-56171-28	SW-13 (1.0-2.5")	Total/NA	Solid	8015 NM	
880-56171-29	SW-14 (1.0")	Total/NA	Solid	8015 NM	
880-56171-30	SW-15 (1.0")	Total/NA	Solid	8015 NM	
880-56171-31	SW-16 (1.0")	Total/NA	Solid	8015 NM	
880-56171-32	SW-17 (1.0")	Total/NA	Solid	8015 NM	
880-56171-33	SW-18 (1.0")	Total/NA	Solid	8015 NM	
880-56171-34	SW-19 (1.0")	Total/NA	Solid	8015 NM	
880-56171-35	SW-20 (1.0")	Total/NA	Solid	8015 NM	
880-56171-36	SW-21 (1.0")	Total/NA	Solid	8015 NM	
880-56171-37	SW-22 (1.0")	Total/NA	Solid	8015 NM	
880-56171-38	SW-23 (1.0")	Total/NA	Solid	8015 NM	
880-56171-39	SW-24 (1.0")	Total/NA	Solid	8015 NM	

Analysis Batch: 106731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-21	SW-6 (2.5")	Total/NA	Solid	8015B NM	106736
880-56171-22	SW-7 (2.5")	Total/NA	Solid	8015B NM	106736
MB 880-106736/1-A	Method Blank	Total/NA	Solid	8015B NM	106736
LCS 880-106736/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	106736
LCSD 880-106736/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	106736
880-56344-A-5-E MS	Matrix Spike	Total/NA	Solid	8015B NM	106736
880-56344-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	106736

Prep Batch: 106736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-21	SW-6 (2.5")	Total/NA	Solid	8015NM Prep	
880-56171-22	SW-7 (2.5")	Total/NA	Solid	8015NM Prep	
MB 880-106736/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-106736/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-106736/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56344-A-5-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-56344-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 106363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-1	CS-1 (4.25')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 106363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-2	CS-2 (4.25')	Soluble	Solid	DI Leach	
880-56171-3	CS-3 (2.5')	Soluble	Solid	DI Leach	
880-56171-4	CS-4 (2.5')	Soluble	Solid	DI Leach	
880-56171-5	CS-5 (2.5')	Soluble	Solid	DI Leach	
880-56171-6	CS-6 (2.5')	Soluble	Solid	DI Leach	
880-56171-7	CS-7 (1.0')	Soluble	Solid	DI Leach	
880-56171-8	CS-8 (1.0')	Soluble	Solid	DI Leach	
880-56171-9	CS-9 (1.0')	Soluble	Solid	DI Leach	
880-56171-10	CS-10 (1.0')	Soluble	Solid	DI Leach	
880-56171-11	CS-11 (1.0')	Soluble	Solid	DI Leach	
880-56171-12	CS-12 (1.0')	Soluble	Solid	DI Leach	
880-56171-13	CS-13 (1.0')	Soluble	Solid	DI Leach	
880-56171-14	CS-14 (1.0')	Soluble	Solid	DI Leach	
880-56171-15	CS-15 (1.0')	Soluble	Solid	DI Leach	
880-56171-16	SW-1 (4.25')	Soluble	Solid	DI Leach	
880-56171-17	SW-2 (4.25')	Soluble	Solid	DI Leach	
880-56171-18	SW-3 (4.25')	Soluble	Solid	DI Leach	
880-56171-19	SW-4 (4.25')	Soluble	Solid	DI Leach	
880-56171-20	SW-5 (2.5'-4.25')	Soluble	Solid	DI Leach	
MB 880-106363/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106363/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106363/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56171-1 MS	CS-1 (4.25')	Soluble	Solid	DI Leach	
880-56171-1 MSD	CS-1 (4.25')	Soluble	Solid	DI Leach	
880-56171-11 MS	CS-11 (1.0')	Soluble	Solid	DI Leach	
880-56171-11 MSD	CS-11 (1.0')	Soluble	Solid	DI Leach	

Leach Batch: 106365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-21	SW-6 (2.5")	Soluble	Solid	DI Leach	
880-56171-22	SW-7 (2.5")	Soluble	Solid	DI Leach	
880-56171-23	SW-8 (2.5")	Soluble	Solid	DI Leach	
880-56171-24	SW-9 (2.5")	Soluble	Solid	DI Leach	
880-56171-25	SW-10 (2.5")	Soluble	Solid	DI Leach	
880-56171-26	SW-11 (2.5")	Soluble	Solid	DI Leach	
880-56171-27	SW-12 (2.5")	Soluble	Solid	DI Leach	
880-56171-28	SW-13 (1.0-2.5")	Soluble	Solid	DI Leach	
880-56171-29	SW-14 (1.0")	Soluble	Solid	DI Leach	
880-56171-30	SW-15 (1.0")	Soluble	Solid	DI Leach	
880-56171-31	SW-16 (1.0")	Soluble	Solid	DI Leach	
880-56171-32	SW-17 (1.0")	Soluble	Solid	DI Leach	
880-56171-33	SW-18 (1.0")	Soluble	Solid	DI Leach	
880-56171-34	SW-19 (1.0")	Soluble	Solid	DI Leach	
880-56171-35	SW-20 (1.0")	Soluble	Solid	DI Leach	
MB 880-106365/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106365/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106365/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56171-21 MS	SW-6 (2.5")	Soluble	Solid	DI Leach	
880-56171-21 MSD	SW-6 (2.5")	Soluble	Solid	DI Leach	
880-56171-31 MS	SW-16 (1.0")	Soluble	Solid	DI Leach	
880-56171-31 MSD	SW-16 (1.0")	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

HPLC/IC

Leach Batch: 106366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-36	SW-21 (1.0")	Soluble	Solid	DI Leach	
880-56171-37	SW-22 (1.0")	Soluble	Solid	DI Leach	
880-56171-38	SW-23 (1.0")	Soluble	Solid	DI Leach	
880-56171-39	SW-24 (1.0")	Soluble	Solid	DI Leach	
MB 880-106366/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-106366/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-106366/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56171-36 MS	SW-21 (1.0")	Soluble	Solid	DI Leach	
880-56171-36 MSD	SW-21 (1.0")	Soluble	Solid	DI Leach	

Analysis Batch: 106536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-1	CS-1 (4.25')	Soluble	Solid	300.0	106363
880-56171-2	CS-2 (4.25')	Soluble	Solid	300.0	106363
880-56171-3	CS-3 (2.5')	Soluble	Solid	300.0	106363
880-56171-4	CS-4 (2.5')	Soluble	Solid	300.0	106363
880-56171-5	CS-5 (2.5')	Soluble	Solid	300.0	106363
880-56171-6	CS-6 (2.5')	Soluble	Solid	300.0	106363
880-56171-7	CS-7 (1.0')	Soluble	Solid	300.0	106363
880-56171-8	CS-8 (1.0')	Soluble	Solid	300.0	106363
880-56171-9	CS-9 (1.0')	Soluble	Solid	300.0	106363
880-56171-10	CS-10 (1.0')	Soluble	Solid	300.0	106363
880-56171-11	CS-11 (1.0')	Soluble	Solid	300.0	106363
880-56171-12	CS-12 (1.0')	Soluble	Solid	300.0	106363
880-56171-13	CS-13 (1.0')	Soluble	Solid	300.0	106363
880-56171-14	CS-14 (1.0')	Soluble	Solid	300.0	106363
880-56171-15	CS-15 (1.0')	Soluble	Solid	300.0	106363
880-56171-16	SW-1 (4.25')	Soluble	Solid	300.0	106363
880-56171-17	SW-2 (4.25')	Soluble	Solid	300.0	106363
880-56171-18	SW-3 (4.25')	Soluble	Solid	300.0	106363
880-56171-19	SW-4 (4.25')	Soluble	Solid	300.0	106363
880-56171-20	SW-5 (2.5'-4.25')	Soluble	Solid	300.0	106363
MB 880-106363/1-A	Method Blank	Soluble	Solid	300.0	106363
LCS 880-106363/2-A	Lab Control Sample	Soluble	Solid	300.0	106363
LCSD 880-106363/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106363
880-56171-1 MS	CS-1 (4.25')	Soluble	Solid	300.0	106363
880-56171-1 MSD	CS-1 (4.25')	Soluble	Solid	300.0	106363
880-56171-11 MS	CS-11 (1.0')	Soluble	Solid	300.0	106363
880-56171-11 MSD	CS-11 (1.0')	Soluble	Solid	300.0	106363

Analysis Batch: 106537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-21	SW-6 (2.5")	Soluble	Solid	300.0	106365
880-56171-22	SW-7 (2.5")	Soluble	Solid	300.0	106365
880-56171-23	SW-8 (2.5")	Soluble	Solid	300.0	106365
880-56171-24	SW-9 (2.5")	Soluble	Solid	300.0	106365
880-56171-25	SW-10 (2.5")	Soluble	Solid	300.0	106365
880-56171-26	SW-11 (2.5")	Soluble	Solid	300.0	106365
880-56171-27	SW-12 (2.5")	Soluble	Solid	300.0	106365
880-56171-28	SW-13 (1.0-2.5")	Soluble	Solid	300.0	106365
880-56171-29	SW-14 (1.0")	Soluble	Solid	300.0	106365

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 106537 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-30	SW-15 (1.0")	Soluble	Solid	300.0	106365
880-56171-31	SW-16 (1.0")	Soluble	Solid	300.0	106365
880-56171-32	SW-17 (1.0")	Soluble	Solid	300.0	106365
880-56171-33	SW-18 (1.0")	Soluble	Solid	300.0	106365
880-56171-34	SW-19 (1.0")	Soluble	Solid	300.0	106365
880-56171-35	SW-20 (1.0")	Soluble	Solid	300.0	106365
MB 880-106365/1-A	Method Blank	Soluble	Solid	300.0	106365
LCS 880-106365/2-A	Lab Control Sample	Soluble	Solid	300.0	106365
LCSD 880-106365/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106365
880-56171-21 MS	SW-6 (2.5")	Soluble	Solid	300.0	106365
880-56171-21 MSD	SW-6 (2.5")	Soluble	Solid	300.0	106365
880-56171-31 MS	SW-16 (1.0")	Soluble	Solid	300.0	106365
880-56171-31 MSD	SW-16 (1.0")	Soluble	Solid	300.0	106365

Analysis Batch: 106570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56171-36	SW-21 (1.0")	Soluble	Solid	300.0	106366
880-56171-37	SW-22 (1.0")	Soluble	Solid	300.0	106366
880-56171-38	SW-23 (1.0")	Soluble	Solid	300.0	106366
880-56171-39	SW-24 (1.0")	Soluble	Solid	300.0	106366
MB 880-106366/1-A	Method Blank	Soluble	Solid	300.0	106366
LCS 880-106366/2-A	Lab Control Sample	Soluble	Solid	300.0	106366
LCSD 880-106366/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	106366
880-56171-36 MS	SW-21 (1.0")	Soluble	Solid	300.0	106366
880-56171-36 MSD	SW-21 (1.0")	Soluble	Solid	300.0	106366

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (4.25')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 17:01	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 17:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 17:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 17:30	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	106536	03/31/25 20:55	SMC	EET MID

Client Sample ID: CS-2 (4.25')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-2
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			5.05 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 17:22	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 17:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 18:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 18:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	106536	03/31/25 21:13	SMC	EET MID

Client Sample ID: CS-3 (2.5')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 17:42	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 17:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 18:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 18:34	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 21:18	SMC	EET MID

Client Sample ID: CS-4 (2.5')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 18:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 18:03	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (2.5')

Lab Sample ID: 880-56171-4
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			106508	03/29/25 18:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 18:49	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 21:24	SMC	EET MID

Client Sample ID: CS-5 (2.5')

Lab Sample ID: 880-56171-5
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 18:23	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 18:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 19:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 19:05	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 21:30	SMC	EET MID

Client Sample ID: CS-6 (2.5')

Lab Sample ID: 880-56171-6
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 18:43	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 18:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 19:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 19:21	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 21:47	SMC	EET MID

Client Sample ID: CS-7 (1.0')

Lab Sample ID: 880-56171-7
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 19:04	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 19:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 19:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 19:38	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 21:53	SMC	EET MID

Client Sample ID: CS-8 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-8
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	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 19:24	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 19:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 19:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 19:53	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 21:59	SMC	EET MID

Client Sample ID: CS-9 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-9
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			5.05 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 19:45	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 19:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 20:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 20:10	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 22:04	SMC	EET MID

Client Sample ID: CS-10 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-10
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	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 20:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 20:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 20:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 20:25	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 22:10	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-11 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-11
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			5.03 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 21:56	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 21:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 20:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 20:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 22:16	SMC	EET MID

Client Sample ID: CS-12 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-12
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			5.01 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 22:16	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 22:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 21:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 21:13	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 22:33	SMC	EET MID

Client Sample ID: CS-13 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 22:37	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 22:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 21:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 21:29	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 22:39	SMC	EET MID

Client Sample ID: CS-14 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-14
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			5.05 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 22:57	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 22:57	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: CS-14 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			106508	03/29/25 21:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 21:45	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 22:56	SMC	EET MID

Client Sample ID: CS-15 (1.0')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 23:17	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 23:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 22:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 22:01	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 23:02	SMC	EET MID

Client Sample ID: SW-1 (4.25')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 23:38	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 23:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 22:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 22:16	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 23:07	SMC	EET MID

Client Sample ID: SW-2 (4.25')
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/28/25 23:58	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 23:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 22:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 22:33	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-2 (4.25')

Lab Sample ID: 880-56171-17
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 23:13	SMC	EET MID

Client Sample ID: SW-3 (4.25')

Lab Sample ID: 880-56171-18
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/29/25 00:19	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/29/25 00:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 22:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 22:48	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 23:19	SMC	EET MID

Client Sample ID: SW-4 (4.25')

Lab Sample ID: 880-56171-19
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/29/25 00:39	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/29/25 00:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 23:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 23:05	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 23:25	SMC	EET MID

Client Sample ID: SW-5 (2.5'-4.25')

Lab Sample ID: 880-56171-20
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106347	03/28/25 13:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106302	03/29/25 01:00	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/29/25 01:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 23:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106352	03/28/25 13:38	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106417	03/29/25 23:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	106363	03/28/25 15:10	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106536	03/31/25 23:30	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-6 (2.5")

Lab Sample ID: 880-56171-21
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106307	03/28/25 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106301	03/28/25 17:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 17:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	04/02/25 12:12	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106731	04/02/25 12:12	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	106736	04/02/25 12:43	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 00:16	SMC	EET MID

Client Sample ID: SW-7 (2.5")

Lab Sample ID: 880-56171-22
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106307	03/28/25 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106301	03/28/25 17:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 17:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	04/02/25 12:28	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106731	04/02/25 12:28	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	106736	04/02/25 12:43	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 00:34	SMC	EET MID

Client Sample ID: SW-8 (2.5")

Lab Sample ID: 880-56171-23
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106307	03/28/25 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106301	03/28/25 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 18:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 18:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 18:34	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 00:39	SMC	EET MID

Client Sample ID: SW-9 (2.5")

Lab Sample ID: 880-56171-24
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106307	03/28/25 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106301	03/28/25 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 18:34	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-9 (2.5")

Lab Sample ID: 880-56171-24
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			106508	03/29/25 18:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 18:49	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 00:45	SMC	EET MID

Client Sample ID: SW-10 (2.5")

Lab Sample ID: 880-56171-25
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106307	03/28/25 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106301	03/28/25 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 18:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 19:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 19:05	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 00:51	SMC	EET MID

Client Sample ID: SW-11 (2.5")

Lab Sample ID: 880-56171-26
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106307	03/28/25 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106301	03/28/25 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 19:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 19:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 19:21	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 01:08	SMC	EET MID

Client Sample ID: SW-12 (2.5")

Lab Sample ID: 880-56171-27
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106307	03/28/25 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106301	03/28/25 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 19:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 19:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 19:38	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-12 (2.5")

Lab Sample ID: 880-56171-27
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 01:14	SMC	EET MID

Client Sample ID: SW-13 (1.0-2.5")

Lab Sample ID: 880-56171-28
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106307	03/28/25 13:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106301	03/28/25 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/28/25 19:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 19:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 19:53	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 01:20	SMC	EET MID

Client Sample ID: SW-14 (1.0")

Lab Sample ID: 880-56171-29
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106349	03/28/25 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 12:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 12:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 20:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 20:10	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 01:25	SMC	EET MID

Client Sample ID: SW-15 (1.0")

Lab Sample ID: 880-56171-30
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106349	03/28/25 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 12:46	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 12:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 20:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 20:25	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 01:31	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-16 (1.0")
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106349	03/28/25 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 13:07	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 13:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 20:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 20:57	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 01:37	SMC	EET MID

Client Sample ID: SW-17 (1.0")
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106349	03/28/25 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 13:27	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 13:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 21:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 21:13	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 01:54	SMC	EET MID

Client Sample ID: SW-18 (1.0")
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	106349	03/28/25 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 13:48	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 13:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 21:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 21:29	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 02:00	SMC	EET MID

Client Sample ID: SW-19 (1.0")
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Lab Sample ID: 880-56171-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106349	03/28/25 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 14:08	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 14:08	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-19 (1.0")

Lab Sample ID: 880-56171-34
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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			106508	03/29/25 21:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 21:45	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 02:17	SMC	EET MID

Client Sample ID: SW-20 (1.0")

Lab Sample ID: 880-56171-35
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106349	03/28/25 13:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 14:28	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 14:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/29/25 22:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106353	03/28/25 13:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106416	03/29/25 22:01	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	106365	03/28/25 15:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106537	04/01/25 02:23	SMC	EET MID

Client Sample ID: SW-21 (1.0")

Lab Sample ID: 880-56171-36
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106349	03/28/25 14:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 14:49	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 14:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/31/25 17:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106446	03/31/25 08:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106490	03/31/25 17:34	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	106366	03/28/25 15:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106570	04/01/25 03:09	SMC	EET MID

Client Sample ID: SW-22 (1.0")

Lab Sample ID: 880-56171-37
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106349	03/28/25 14:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 15:09	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 15:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/31/25 17:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	106446	03/31/25 08:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106490	03/31/25 17:50	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Client Sample ID: SW-22 (1.0")

Lab Sample ID: 880-56171-37
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	106366	03/28/25 15:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106570	04/01/25 03:26	SMC	EET MID

Client Sample ID: SW-23 (1.0")

Lab Sample ID: 880-56171-38
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106349	03/28/25 14:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 15:30	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 15:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/31/25 18:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	106446	03/31/25 08:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106490	03/31/25 18:05	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	106366	03/28/25 15:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106570	04/01/25 03:32	SMC	EET MID

Client Sample ID: SW-24 (1.0")

Lab Sample ID: 880-56171-39
Matrix: Solid
Date Collected: 03/27/25 00:00
Date Received: 03/28/25 11:25

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	106349	03/28/25 14:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106452	03/31/25 18:31	EL	EET MID
Total/NA	Analysis	Total BTEX		1			106566	03/31/25 18:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106508	03/31/25 18:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	106446	03/31/25 08:22	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	106490	03/31/25 18:22	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	106366	03/28/25 15:16	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	106570	04/01/25 03:37	SMC	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: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-56171-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56171-1	CS-1 (4.25')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-2	CS-2 (4.25')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-3	CS-3 (2.5')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-4	CS-4 (2.5')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-5	CS-5 (2.5')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-6	CS-6 (2.5')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-7	CS-7 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-8	CS-8 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-9	CS-9 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-10	CS-10 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-11	CS-11 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-12	CS-12 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-13	CS-13 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-14	CS-14 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-15	CS-15 (1.0')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-16	SW-1 (4.25')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-17	SW-2 (4.25')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-18	SW-3 (4.25')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-19	SW-4 (4.25')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-20	SW-5 (2.5'-4.25')	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-21	SW-6 (2.5")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-22	SW-7 (2.5")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-23	SW-8 (2.5")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-24	SW-9 (2.5")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-25	SW-10 (2.5")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-26	SW-11 (2.5")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-27	SW-12 (2.5")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-28	SW-13 (1.0-2.5")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-29	SW-14 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-30	SW-15 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-31	SW-16 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-32	SW-17 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-33	SW-18 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-34	SW-19 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-35	SW-20 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-36	SW-21 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-37	SW-22 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-38	SW-23 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25
880-56171-39	SW-24 (1.0")	Solid	03/27/25 00:00	03/28/25 11:25

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

880-56171 Chain of Custody

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Salado Draw 23 CTB (12.03.2023)	Turn Around	
Project Number:	2387	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date:	Normal
Sampler's Name:	JR	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.1
Total Containers:		Corrected Temperature:	-4.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
CS-1 (4.25')	3/27/2025		X		Comp	1		X	X	X		
CS-2 (4.25')	3/27/2025		X		Comp	1		X	X	X		
CS-3 (2.5')	3/27/2025		X		Comp	1		X	X	X		
CS-4 (2.5')	3/27/2025		X		Comp	1		X	X	X		
CS-5 (2.5')	3/27/2025		X		Comp	1		X	X	X		
CS-6 (2.5')	3/27/2025		X		Comp	1		X	X	X		
CS-7 (1.0')	3/27/2025		X		Comp	1		X	X	X		
CS-8 (1.0')	3/27/2025		X		Comp	1		X	X	X		
CS-9 (1.0')	3/27/2025		X		Comp	1		X	X	X		
CS-10 (1.0')	3/27/2025		X		Comp	1		X	X	X		

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/28/25 1125	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Salado Draw 23 CTB (12.03.2023)	Turn Around	
Project Number:	2387	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date:	Normal
Sampler's Name:	JR	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No		Thermometer ID:	
Cooler Custody Seals:	Yes No N/A		Correction Factor:	
Sample Custody Seals:	Yes No N/A		Temperature Reading:	
Total Containers:			Corrected Temperature:	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
CS-11 (1.0')	3/27/2025		X		Comp	1		X	X	X		
CS-12 (1.0')	3/27/2025		X		Comp	1		X	X	X		
CS-13 (1.0')	3/27/2025		X		Comp	1		X	X	X		
CS-14 (1.0')	3/27/2025		X		Comp	1		X	X	X		
CS-15 (1.0')	3/27/2025		X		Comp	1		X	X	X		
SW-1 (4.25')	3/27/2025		X		Comp	1		X	X	X		
SW-2 (4.25')	3/27/2025		X		Comp	1		X	X	X		
SW-3 (4.25')	3/27/2025		X		Comp	1		X	X	X		
SW-4 (2.5'-4.25')	3/27/2025		X		Comp	1		X	X	X		
SW-5 (2.5')	3/27/2025		X		Comp	1		X	X	X		

Parameters

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/28/25 1125	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Salado Draw 23 CTB (12.03.2023)	Turn Around	
Project Number:	2387	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date:	Normal
Sampler's Name:	JR	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD
SW-6 (2.5')	3/27/2025		X		Comp	1		X	X	X	
SW-7 (2.5')	3/27/2025		X		Comp	1		X	X	X	
SW-8 (2.5')	3/27/2025		X		Comp	1		X	X	X	
SW-9 (2.5')	3/27/2025		X		Comp	1		X	X	X	
SW-10 (2.5')	3/27/2025		X		Comp	1		X	X	X	
SW-11 (2.5')	3/27/2025		X		Comp	1		X	X	X	
SW-12 (2.5')	3/27/2025		X		Comp	1		X	X	X	
SW-13 (1.0'-2.5')	3/27/2025		X		Comp	1		X	X	X	
SW-14 (1.0')	3/27/2025		X		Comp	1		X	X	X	
SW-15 (1.0')	3/27/2025		X		Comp	1		X	X	X	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/28/25 1125	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Salado Draw 23 CTB (12.03.2023)	Turn Around	
Project Number:	2387	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date:	Normal
Sampler's Name:	JR	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD
SW-16 (1.0')	3/27/2025		X		Comp	1		X	X	X	
SW-17 (1.0')	3/27/2025		X		Comp	1		X	X	X	
SW-18 (1.0')	3/27/2025		X		Comp	1		X	X	X	
SW-19 (1.0')	3/27/2025		X		Comp	1		X	X	X	
SW-20 (1.0')	3/27/2025		X		Comp	1		X	X	X	

ANALYSIS REQUEST

Parameters

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		3/28/25 1125	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-56171-1
SDG Number: Lea Co, NM

Login Number: 56171
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 04, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: SALADO DRAW 23 CTB (12.03.2023)

Enclosed are the results of analyses for samples received by the laboratory on 04/02/25 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	04/02/2025	Sampling Date:	04/02/2025
Reported:	04/04/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 23 CTB (12.03.2023)	Sampling Condition:	Cool & Intact
Project Number:	2387	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CS - 16 (4.25') (H251959-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	0.452	
Toluene*	<0.050	0.050	04/03/2025	ND	1.93	96.5	2.00	1.09	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.00	100	2.00	2.18	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.31	105	6.00	1.83	
Total BTEX	<0.300	0.300	04/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/03/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	203	101	200	2.68	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	205	102	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					

Surrogate: 1-Chlorooctane *110 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *107 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	04/02/2025	Sampling Date:	04/02/2025
Reported:	04/04/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 23 CTB (12.03.2023)	Sampling Condition:	Cool & Intact
Project Number:	2387	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CS - 17 (4.25') (H251959-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	0.452	
Toluene*	<0.050	0.050	04/03/2025	ND	1.93	96.5	2.00	1.09	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.00	100	2.00	2.18	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.31	105	6.00	1.83	
Total BTEX	<0.300	0.300	04/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/03/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	203	101	200	2.68	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	205	102	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					

Surrogate: 1-Chlorooctane *96.9 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *87.6 %* *40.6-153*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	04/02/2025	Sampling Date:	04/02/2025
Reported:	04/04/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 23 CTB (12.03.2023)	Sampling Condition:	Cool & Intact
Project Number:	2387	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: SW - 25 (4.25') (H251959-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	0.452	
Toluene*	<0.050	0.050	04/03/2025	ND	1.93	96.5	2.00	1.09	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.00	100	2.00	2.18	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.31	105	6.00	1.83	
Total BTEX	<0.300	0.300	04/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	04/03/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	203	101	200	2.68	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	205	102	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					

Surrogate: 1-Chlorooctane *99.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *93.3 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	04/02/2025	Sampling Date:	04/02/2025
Reported:	04/04/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 23 CTB (12.03.2023)	Sampling Condition:	Cool & Intact
Project Number:	2387	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: SW - 26 (4.25') (H251959-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	0.452	
Toluene*	<0.050	0.050	04/03/2025	ND	1.93	96.5	2.00	1.09	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.00	100	2.00	2.18	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.31	105	6.00	1.83	
Total BTEX	<0.300	0.300	04/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/03/2025	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	203	101	200	2.68	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	205	102	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *95.6 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	04/02/2025	Sampling Date:	04/02/2025
Reported:	04/04/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 23 CTB (12.03.2023)	Sampling Condition:	Cool & Intact
Project Number:	2387	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: SW - 27 (4.25') (H251959-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	0.452	
Toluene*	<0.050	0.050	04/03/2025	ND	1.93	96.5	2.00	1.09	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.00	100	2.00	2.18	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.31	105	6.00	1.83	
Total BTEX	<0.300	0.300	04/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/03/2025	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	203	101	200	2.68	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	205	102	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					

Surrogate: 1-Chlorooctane *87.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *85.2 %* *40.6-153*

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	04/02/2025	Sampling Date:	04/02/2025
Reported:	04/04/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 23 CTB (12.03.2023)	Sampling Condition:	Cool & Intact
Project Number:	2387	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: SW - 28 (4.25') (H251959-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	0.452	
Toluene*	<0.050	0.050	04/03/2025	ND	1.93	96.5	2.00	1.09	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.00	100	2.00	2.18	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.31	105	6.00	1.83	
Total BTEX	<0.300	0.300	04/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/03/2025	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	203	101	200	2.68	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	205	102	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					

Surrogate: 1-Chlorooctane *104 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *103 %* *40.6-153*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

CARMONA RESOURCES
ASHTON THIELKE
310 W WALL ST, SUITE 500
MIDLAND TX, 79701
Fax To:

Received:	04/02/2025	Sampling Date:	04/02/2025
Reported:	04/04/2025	Sampling Type:	Soil
Project Name:	SALADO DRAW 23 CTB (12.03.2023)	Sampling Condition:	Cool & Intact
Project Number:	2387	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: SW - 29 (4.25') (H251959-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/03/2025	ND	2.02	101	2.00	0.452	
Toluene*	<0.050	0.050	04/03/2025	ND	1.93	96.5	2.00	1.09	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	2.00	100	2.00	2.18	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	6.31	105	6.00	1.83	
Total BTEX	<0.300	0.300	04/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	04/03/2025	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/03/2025	ND	203	101	200	2.68	
DRO >C10-C28*	<10.0	10.0	04/03/2025	ND	205	102	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	04/03/2025	ND					

Surrogate: 1-Chlorooctane *96.3 %* *44.4-145*

Surrogate: 1-Chlorooctadecane *93.8 %* *40.6-153*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Chain of Custody

Work Order No: H251959

Page 1 of 1

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Salado Draw 23 CTB (12.03.2023)	Turn Around	☐ Routine ☑ Rush
Project Number:	2387	Due Date:	48 Hour
Project Location	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.3
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.9
Total Containers:		Corrected Temperature:	5.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 802 IB	TPH 8015M (GRO + DRO + MRO)	Chloride 4 i00	HOLD	Sample Comments
CS-16 (4.25')	4/2/2025		X		Comp	1		X	X	X		
CS-17 (4.25')	4/2/2025		X		Comp	1		X	X	X		
SW-25 (4.25')	4/2/2025		X		Comp	1		X	X	X		
SW-26 (4.25')	4/2/2025		X		Comp	1		X	X	X		
SW-27 (4.25')	4/2/2025		X		Comp	1		X	X	X		
SW-28 (4.25')	4/2/2025		X		Comp	1		X	X	X		
SW-29 (4.25')	4/2/2025		X		Comp	1		X	X	X		

1 2 3 4 5 6 7

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4.25.1105	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Received by OCD: 5/28/2025 9:36:07 AM

Released to Imaging: 7/15/2025 9:10:59 AM

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/27/2025 4:28:44 PM

JOB DESCRIPTION

Salado Draw 23 CTB (12.03.2023)
Lea Co, NM

JOB NUMBER

880-55873-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 7/15/2025 9:10:39 AM

my EOL

Eurofins Midland

Job Notes

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

Authorization

Generated
3/27/2025 4:28:44 PM

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

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Job ID: 880-55873-1
Project: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1 Eurofins Midland

Job Narrative
880-55873-1

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

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

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

Receipt
The sample was received on 3/20/2025 4:23 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -9.3°C.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-105765/2-A), (LCSD 880-105765/3-A), (880-55872-A-14-C MS) and (880-55872-A-14-D MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-105780 and analytical batch 880-105791 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.

The associated samples are: Rattlesnake Pit- Backfill Samples (880-55873-1), (880-55872-A-26-C), (880-55872-A-26-D MS) and (880-55872-A-26-E MSD).

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: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Client Sample ID: Rattlesnake Pit- Backfill Samples

Lab Sample ID: 880-55873-1
Matrix: Solid
Date Collected: 03/19/25 00:00
Date Received: 03/20/25 16:23

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		03/21/25 12:41	03/21/25 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/21/25 12:41	03/21/25 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/21/25 12:41	03/21/25 17:57	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/21/25 12:41	03/21/25 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/21/25 12:41	03/21/25 17:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/21/25 12:41	03/21/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/21/25 12:41*	*03/21/25 17:57*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/21/25 12:41*	*03/21/25 17:57*	*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			03/21/25 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			03/22/25 06:14	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	<49.7	U	49.7		mg/Kg		03/21/25 11:44	03/22/25 06:14	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/21/25 11:44	03/22/25 06:14	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/21/25 11:44	03/22/25 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*03/21/25 11:44*	*03/22/25 06:14*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*03/21/25 11:44*	*03/22/25 06:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		9.96		mg/Kg			03/21/25 21:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-55863-A-1-D MS	Matrix Spike	105	102
880-55863-A-1-E MSD	Matrix Spike Duplicate	98	101
880-55873-1	Rattlesnake Pit- Backfill Samples	107	100
LCS 880-105749/1-A	Lab Control Sample	93	100
LCSD 880-105749/2-A	Lab Control Sample Dup	101	102
MB 880-105749/5-A	Method Blank	104	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-55872-A-14-C MS	Matrix Spike	133 S1+	134 S1+
880-55872-A-14-D MSD	Matrix Spike Duplicate	132 S1+	133 S1+
880-55873-1	Rattlesnake Pit- Backfill Samples	129	115
LCS 880-105765/2-A	Lab Control Sample	136 S1+	143 S1+
LCSD 880-105765/3-A	Lab Control Sample Dup	158 S1+	140 S1+
MB 880-105765/1-A	Method Blank	120	118

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-105749/5-A
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105749

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/21/25 09:56	03/21/25 12:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/21/25 09:56*	*03/21/25 12:27*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/21/25 09:56*	*03/21/25 12:27*	*1*

Lab Sample ID: LCS 880-105749/1-A
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09519		mg/Kg		95	70 - 130
Toluene	0.100	0.09579		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.08643		mg/Kg		86	70 - 130
m,p-Xylenes	0.200	0.1751		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08776		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-105749/2-A
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105749

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1010		mg/Kg		101	70 - 130	6	35
Toluene	0.100	0.1019		mg/Kg		102	70 - 130	6	35
Ethylbenzene	0.100	0.09175		mg/Kg		92	70 - 130	6	35
m,p-Xylenes	0.200	0.1862		mg/Kg		93	70 - 130	6	35
o-Xylene	0.100	0.09378		mg/Kg		94	70 - 130	7	35

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

Lab Sample ID: 880-55863-A-1-D MS
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1009		mg/Kg		101	70 - 130
Toluene	0.0884	F1	0.100	0.1652		mg/Kg		77	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-55863-A-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 105721 — **Prep Batch: 105749**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.00488		0.100	0.09153		mg/Kg		87	70 - 130
m,p-Xylenes	0.0229		0.200	0.1979		mg/Kg		88	70 - 130
o-Xylene	0.00771		0.100	0.09433		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-55863-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 105721 — **Prep Batch: 105749**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09402		mg/Kg		94	70 - 130	7	35
Toluene	0.0884	F1	0.100	0.1346	F1	mg/Kg		46	70 - 130	20	35
Ethylbenzene	0.00488		0.100	0.08369		mg/Kg		79	70 - 130	9	35
m,p-Xylenes	0.0229		0.200	0.1782		mg/Kg		78	70 - 130	11	35
o-Xylene	0.00771		0.100	0.08640		mg/Kg		79	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 880-105765/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 105740 — **Prep Batch: 105765**

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		03/21/25 11:44	03/22/25 01:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/21/25 11:44	03/22/25 01:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/21/25 11:44	03/22/25 01:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*03/21/25 11:44*	*03/22/25 01:07*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*03/21/25 11:44*	*03/22/25 01:07*	*1*

Lab Sample ID: LCS 880-105765/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 105740 — **Prep Batch: 105765**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1179		mg/Kg		118	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1234		mg/Kg		123	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-105765/2-A
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105765

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	136	S1+	70 - 130
o-Terphenyl (Surr)	143	S1+	70 - 130

Lab Sample ID: LCSD 880-105765/3-A
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105765

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1179		mg/Kg		118	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1139		mg/Kg		114	70 - 130	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	158	S1+	70 - 130
o-Terphenyl (Surr)	140	S1+	70 - 130

Lab Sample ID: 880-55872-A-14-C MS
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1087		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1200		mg/Kg		120	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: 880-55872-A-14-D MSD
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 105765

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	999	1017		mg/Kg		102	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1163		mg/Kg		116	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	133	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-105780/1-A
Matrix: Solid
Analysis Batch: 105791

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/21/25 20:01	1

Lab Sample ID: LCS 880-105780/2-A
Matrix: Solid
Analysis Batch: 105791

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.2		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-105780/3-A
Matrix: Solid
Analysis Batch: 105791

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	248.2		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-55872-A-26-D MS
Matrix: Solid
Analysis Batch: 105791

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	216	F1	250	516.9	F1	mg/Kg		120	90 - 110		

Lab Sample ID: 880-55872-A-26-E MSD
Matrix: Solid
Analysis Batch: 105791

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	216	F1	250	517.1	F1	mg/Kg		120	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 105721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	8021B	105749
MB 880-105749/5-A	Method Blank	Total/NA	Solid	8021B	105749
LCS 880-105749/1-A	Lab Control Sample	Total/NA	Solid	8021B	105749
LCSD 880-105749/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	105749
880-55863-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	105749
880-55863-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	105749

Prep Batch: 105749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	5035	
MB 880-105749/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-105749/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-105749/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-55863-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-55863-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 105928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 105740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	8015B NM	105765
MB 880-105765/1-A	Method Blank	Total/NA	Solid	8015B NM	105765
LCS 880-105765/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	105765
LCSD 880-105765/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	105765
880-55872-A-14-C MS	Matrix Spike	Total/NA	Solid	8015B NM	105765
880-55872-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	105765

Prep Batch: 105765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	8015NM Prep	
MB 880-105765/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-105765/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-105765/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55872-A-14-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-55872-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 105780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Soluble	Solid	DI Leach	
MB 880-105780/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-105780/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-105780/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 105780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55872-A-26-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-55872-A-26-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 105791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Soluble	Solid	300.0	105780
MB 880-105780/1-A	Method Blank	Soluble	Solid	300.0	105780
LCS 880-105780/2-A	Lab Control Sample	Soluble	Solid	300.0	105780
LCSD 880-105780/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	105780
880-55872-A-26-D MS	Matrix Spike	Soluble	Solid	300.0	105780
880-55872-A-26-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	105780

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Client Sample ID: Rattlesnake Pit- Backfill Samples

Lab Sample ID: 880-55873-1

Date Collected: 03/19/25 00:00
Matrix: Solid
Date Received: 03/20/25 16:23

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	105749	03/21/25 12:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	105721	03/21/25 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105928	03/21/25 17:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106014	03/22/25 06:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	105765	03/21/25 11:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105740	03/22/25 06:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	105780	03/21/25 13:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105791	03/21/25 21:58	SMC	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: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-55873-1	Rattlesnake Pit- Backfill Samples	Solid	03/19/25 00:00	03/20/25 16:23

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

880-55873 Chain of Custody

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Salado Draw 23 CTB (12.03.2023)	Turn Around	
Project Number:	2387	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date:	Normal
Sampler's Name:	JR	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-9.0
Total Containers:		Corrected Temperature:	-9.2

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
Rattlesnake Pit - Backfill Sample	3/19/2025		X		Comp	1		X	X	X		

Parameters

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/20/25 1603	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-55873-1
SDG Number: Lea Co, NM

Login Number: 55873
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

APPENDIX F

CARMONA RESOURCES

Soil Map—Lea County, New Mexico
(NGL - Tie In)

Map Scale: 1:2,400 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 35 70 140 210

Feet
0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Received by OCD: 5/28/2025 9:36:07 AM

Soil Map—Lea County, New Mexico
(NGL - Tie In)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Released to Imaging: 7/15/2025 9:10:59 AM

Received by OCD: 5/28/2025 9:36:07 AM

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	4.6	44.7%
PU	Pyote and Maljamar fine sands	5.7	55.3%
Totals for Area of Interest		**10.3**	**100.0%**

Released to Imaging: 7/15/2025 9:10:59 AM

Received by OCD: 5/28/2025 9:36:07 AM

Lea County, New Mexico

BH—Berino-Cacique association, hummocky

Map Unit Setting

National map unit symbol: dmpg
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent
Cacique and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 10 inches: fine sand
Btk - 10 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.5 inches)

Released to Imaging: 7/15/2025 9:10:59 AM

Received by OCD: 5/28/2025 9:36:07 AM

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Cacique

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 7 inches: fine sand
Bt - 7 to 28 inches: sandy clay loam
Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 4 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Maljamar

Percent of map unit: 3 percent

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Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Palomas
Percent of map unit: 2 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Dune land
Percent of map unit: 1 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Released to Imaging: 7/15/2025 9:10:59 AM

Received by OCD: 5/28/2025 9:36:07 AM

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Maljamar and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand
Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

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Received by OCD: 5/28/2025 9:36:07 AM

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Released to Imaging: 7/15/2025 9:10:59 AM

Received by OCD: 5/28/2025 9:36:07 AM

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Released to Imaging: 7/15/2025 9:10:59 AM

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

Species	lb/acre
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed: Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed

APPENDIX G

CARMONA RESOURCES

CARMONA RESOURCES

SITE INFORMATION

Closure Report
NGL Tie In (07.26.2024)
Incident # NAPP2422243094
Lea County, New Mexico
Unit C Sec 23 T26S R32E
32.034306°, -103.647038°

Produced Water Release
Point of Release: Pipeline Corrosion
Release Date: 07.26.2024
Volume Released: 454 Barrels of Produced Water
Volume Recovered: 100 Barrels of Produced Water

CARMONA RESOURCES

Prepared for:
NGL Energy Partners, 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

CARMONA RESOURCES

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 PREVIOUSLY APPROVED WORK PLAN

6.0 REMEDIATION ACTIVITIES

7.0 RECLAMATION ACTIVITIES

8.0 CONCLUSIONS

FIGURES

FIGURE 1	**OVERVIEW**	**FIGURE 2**	**TOPOGRAPHIC**
FIGURE 3	**RELEASE OVERLAP**	**FIGURE 4**	**SAMPLE LOCATION**
FIGURE 5A-5G	**EXCAVATION DEPTH**	**FIGURE 6**	**RECLAMATION**

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION, GROUNDWATER, & KARST

APPENDIX E LABORATORY REPORTS

APPENDIX F SOIL SURVEY

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

CARMONA RESOURCES

May 22, 2025

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

Re: Closure Report
NGL Tie In (07.26.2024)
NGL Water Solutions Permian, LLC
Incident # NAPP2422243094
Site Location: Unit C Sec 23 T26S R32E
(Lat 32.034306°, Long -103.647038°)
Lea County, New Mexico

To whom it may concern:

On behalf of NGL Energy Partners (NGL), Carmona Resources, LLC (Carmona Resources) has prepared this letter to document site assessment activities for the NGL Tie In (07.26.2024). The site is located at 32.034306°, -103.647038° within Unit C, S23, T26S, R32E in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 26, 2024, due to pipeline corrosion. It resulted in the release of approximately four hundred fifty-four (454) barrels of produced water into the pasture. Approximately one hundred (100) barrels of produced water were recovered. Refer to Figure 4. The Notification of Release is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. On September 24, 2024, Carmona Resources was onsite to drill a groundwater determination bore to 112 feet below the ground surface (ft. bgs) within a 0.50-mile radius of the location. The groundwater determination bore is located approximately 0.46 miles Northeast of the site within S14, T26S, R32E (32.036472°, -103.639639°). No water was detected after 72 hours. A copy of the associated well log is attached in Appendix D.

Additionally, a karst survey was completed on August 14, 2024, per BLM request. The Karst Survey was completed in order to remediate per the standards set in Table 1 NMAC 19.15.29.12 Groundwater >100 feet due to the site being determined to be in a "Low Karst" environment. See Appendix D for Site Characterization, Groundwater Information, and Karst Survey.

3.0 NMAC Regulatory Criteria

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

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

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4.0 Site Assessment Activities

Initial Assessment

Prior to arriving onsite, Carmona Resources was made aware that the release discussed in this report overlaps a reportable release caused by Chevron USA (NAPP2334143989). The Chevron spill incident was located further to the north and terminated after traveling 650 feet, covering the area of 0.32 acres, and was previously excavated by another consultant to approximately 1.5 ft. bgs. The NGL spill incident traveled approximately 1,500 feet, covering 1.34 acres, of which 0.17 acres overlap the Chevron spill, before terminating. Figure 3 shows the overlapping Chevron (NAPP2334143989) spill incident with this NGL (NAPP2422243094) spill incident.

On August 30, 2024, Carmona Resources performed a site assessment to evaluate soil impacts stemming from the release. A total of twelve (12) sample points (S-1 through S-12) and fourteen (14) horizontal sample points (H-1 through H-14) were advanced to depths ranging from surface to 6.0' bgs inside the release area to evaluate the vertical and horizontal extent. See Figure 4 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.

Vertical Delineation

Vertical delineation was achieved in the areas of S-5, S-7, S-8, and S-12 for Benzene, total BTEX, TPH, and Chloride concentrations.

The areas of S-1, S-2, S-3, S-4, S-6, S-9, S-10, and S-11 were not vertically delineated during the initial assessment for Chloride concentrations. Those areas were returned to at a later date to be vertically delineated, see below.

Horizontal Delineation

The areas of H-1 through H-14 were below the regulatory limits for Benzene, total BTEX, TPH, and Chloride concentrations. See Table 1 for results.

Secondary Assessment

On October 7, 2024, Carmona Resources performed a site assessment to evaluate soil impacts stemming from the release. A total of eight (8) test trenches (T-1 through T-8) were advanced to depths ranging from surface to 15.0' bgs inside the release area to further evaluate the vertical extent. Test Trenches were installed in areas that needed further delineation following review of data from the initial site assessment. The following samples points correlate with test trenches: S-1/T-1, S-2/T-2, S-3/T-3, S-4/T-4, S-6/T-5, S-9/T-6, S-10/T-7, S-11/T-8. See Figure 4 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.

Vertical Delineation

Vertical delineation was achieved in all areas of S-1/T-1, S-2/T-2, S-3/T-3, S-4/T-4, S-6/T-5, S-9/T-6, S-10/T-7, and S-11/T-8 for Benzene, total BTEX, TPH, and Chloride concentrations. The sampling results are summarized in Table 1. See Figure 4 for the sample locations.

5.0 Previously Approved Work Plan

Based on the analytical data and the detected chloride and TPH concentrations, NGL proposed to remediate the areas shown in Figure 5A and highlighted (in blue) in Table 1.

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Midland, Texas 79701
432.813.1992

- The areas S-1/T-1, S-2/T-2, S-3/T-3, S-4/T-4, S-5, S-6/T-5, S-7, S-9/T-6, S-10/T-7, and S-11/T-8 will be excavated to a depth of 4.5' bgs and backfilled with clean material to grade.
- The area of S-8 will be excavated to a depth of 3.5' bgs and backfilled with clean material to grade.
- The area of S-12 will be excavated to a depth of 2.5' bgs and backfilled with clean material to grade.
- An estimated 15,775 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth. However, it is subject to change if vertical delineation is achieved sooner.
- A variance is requested per 19.15.29.14. An NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 500 square feet to represent the release area.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The entire site will be reseeded with BLM #2 seed mix. The remediation will be implemented 90 days after the work plan is approved.

The previously mentioned work plan was approved by the NMOCD on January 28, 2025, with conditions of approval related to composite confirmation sidewall samples. Composite confirmation sidewall samples will be collected to represent no more than 200 square feet. See Appendix C for NMOCD correspondence.

6.0 Remediation Activities

Between March 6, 2025, and April 29, 2025, Carmona Resources personnel were onsite to guide the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on March 31, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The following areas were mechanically excavated to depths ranging from 2.5' to 4.5' bgs. A total of one hundred nineteen (119) confirmation floor samples were collected (CS-1 through CS-119) every 500 square feet, and one hundred thirty-five (135) sidewall samples (SW-1 through SW-135) were collected every 200 square feet to ensure the proper removal of the contaminated soils.

- The areas of S-1/T-1, S-2/T-2, S-3/T-3, S-4/T-4, S-5, S-6/T-5, S-7 were excavated to a depth of 4.5' and are represented by CS-39 through CS-119, and SW-59 through SW-135.
- The area of S-8 was excavated to a depth of 3.5' and is represented by CS-30 through CS-38, and SW-48 through SW-58.
- The areas of S-9/T-6, S-10/T-7, and S-11/T-8 were excavated to a depth of 4.5' and are represented by CS-5 through CS-29, and SW-10 through SW-47.
- The area of S-12 was excavated to a depth of 2.5' and is represented by CS-1 through CS-4, and SW-1 through SW-9.

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. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 5A through 5G.

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

Before the excavation was backfilled, a composite sample of the backfill material was collected on April 4, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from a local landowner, located at 32.026201, -103.681488. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 58,353 square feet of material, resulting in 12,530 cubic yards, were excavated and transported off site for proper disposal.

CARMONA RESOURCES

7.0 Revegetation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On April 29, 2025, the backfilled areas in the pasture were seeded via seed drill with the appropriate pounds of pure live seed per acre. The seed mixture used was BLM #2 Sandy. See Figure 6 for the revegetation area. See Appendix F for Soil Survey.

8.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

Conner Moehring
Environmental Manager

Ashton Thielke
Environmental Manager

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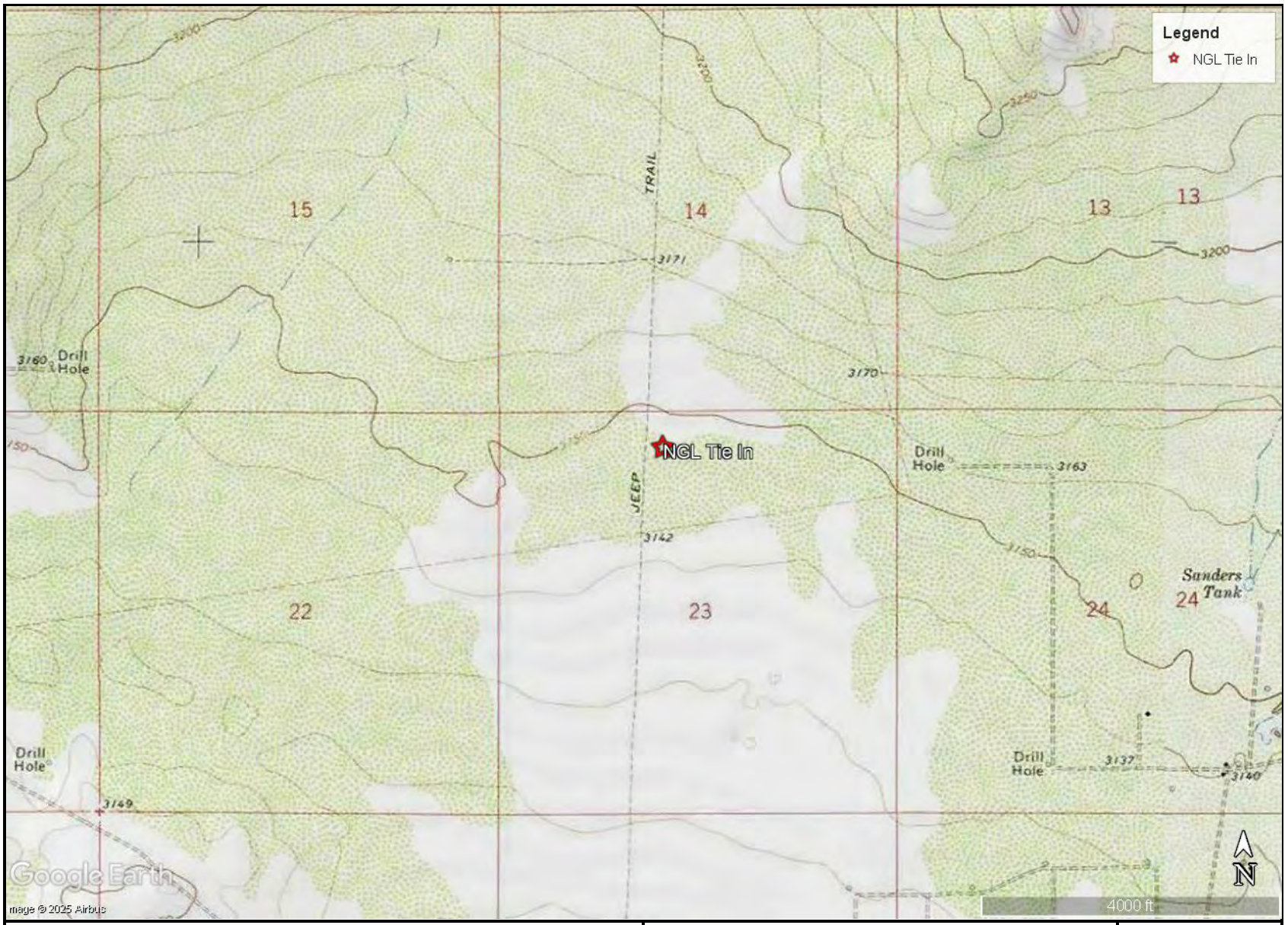
Midland, Texas 79701
432.813.1992

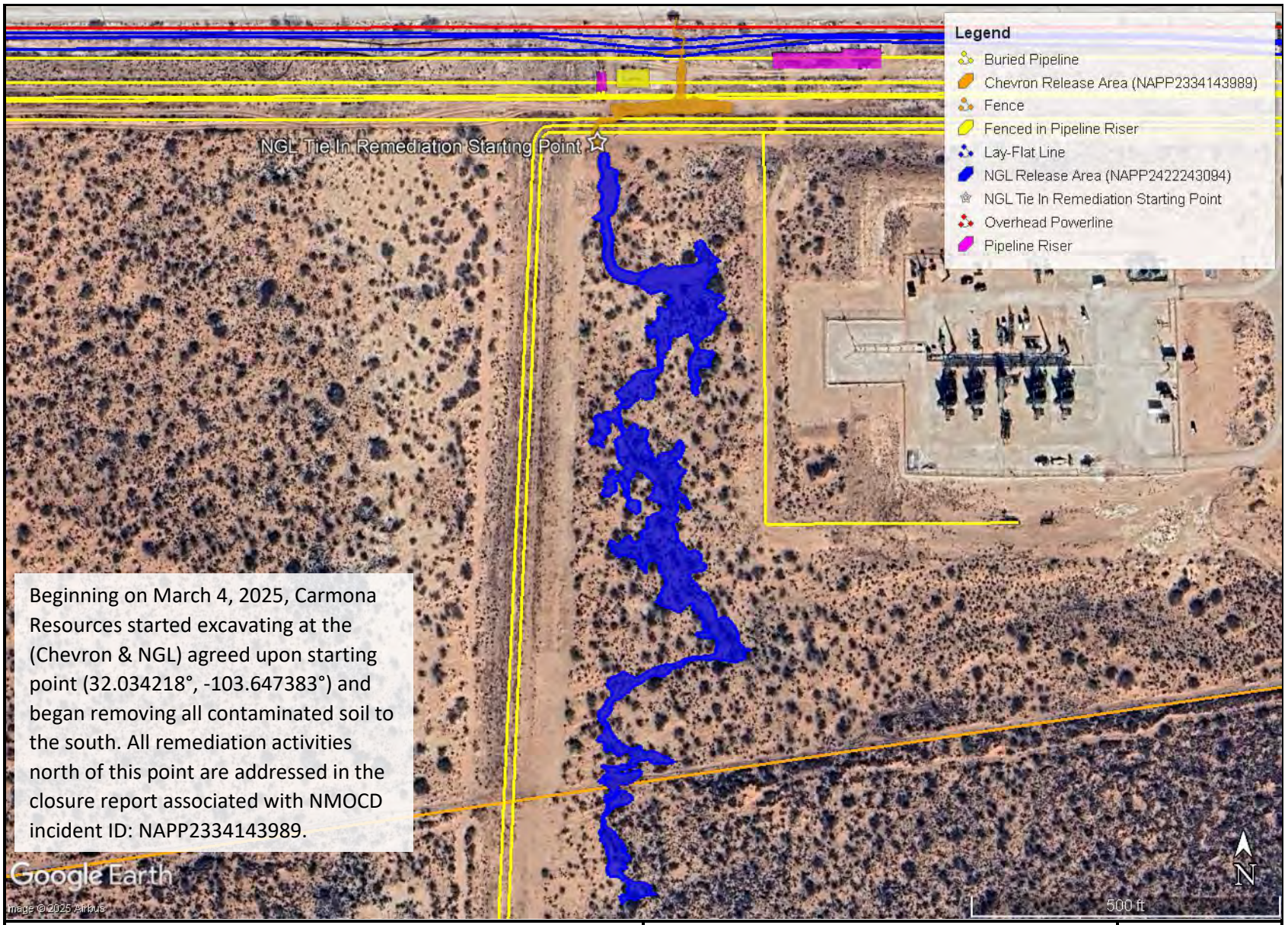
FIGURES

CARMONA RESOURCES

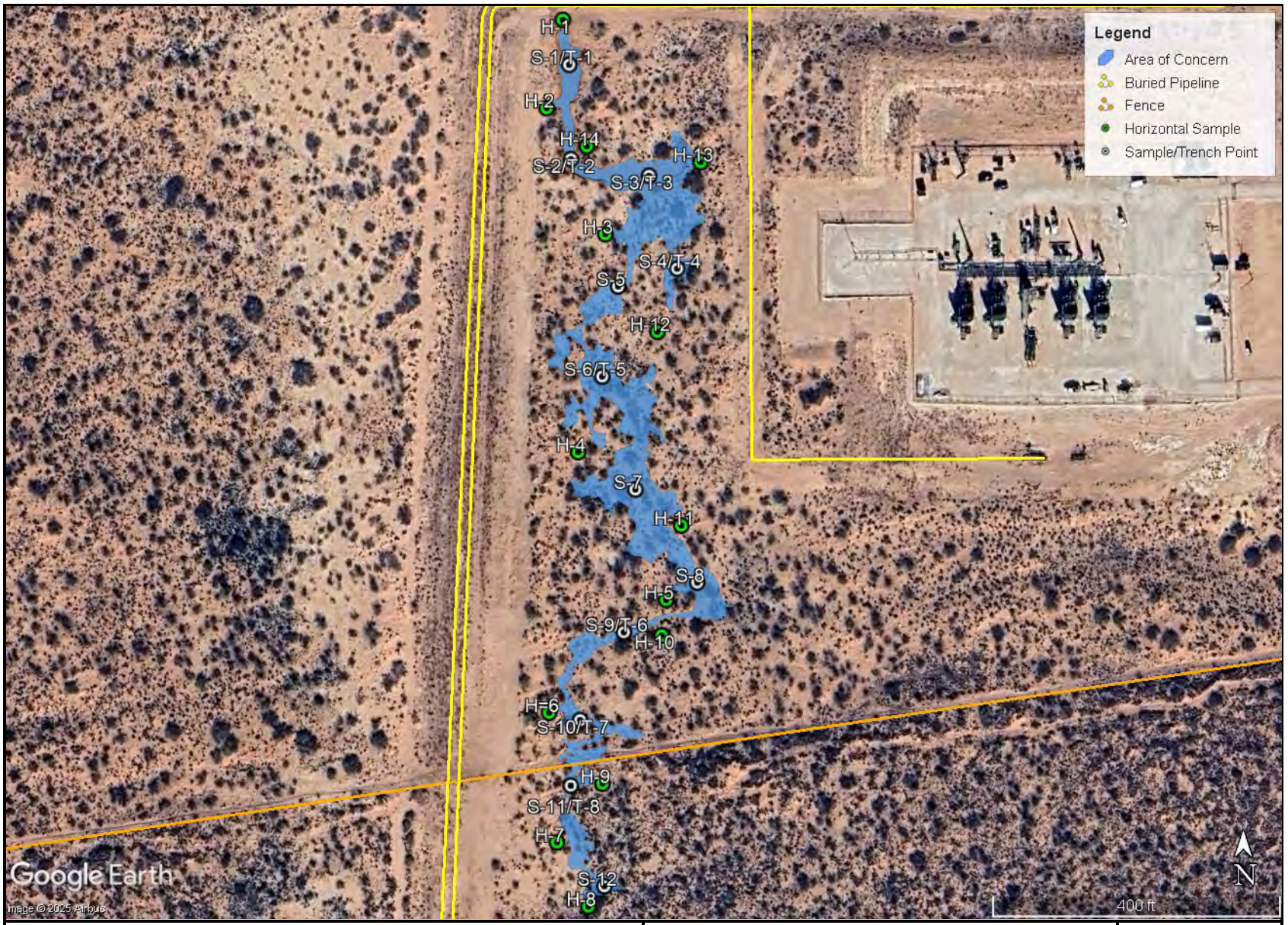
SITE OVERVIEW MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 1



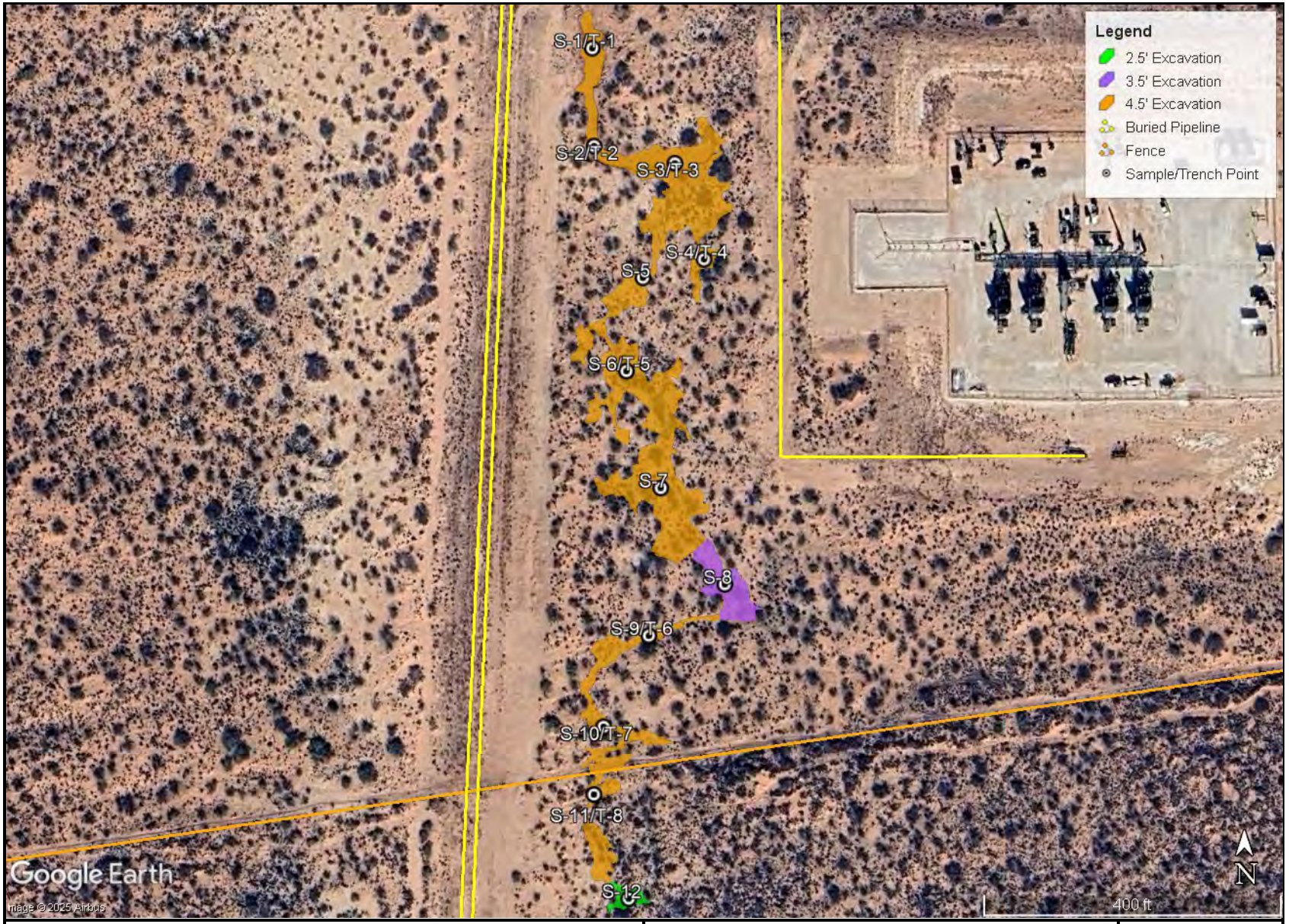
TOPOGRAPHIC MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 2



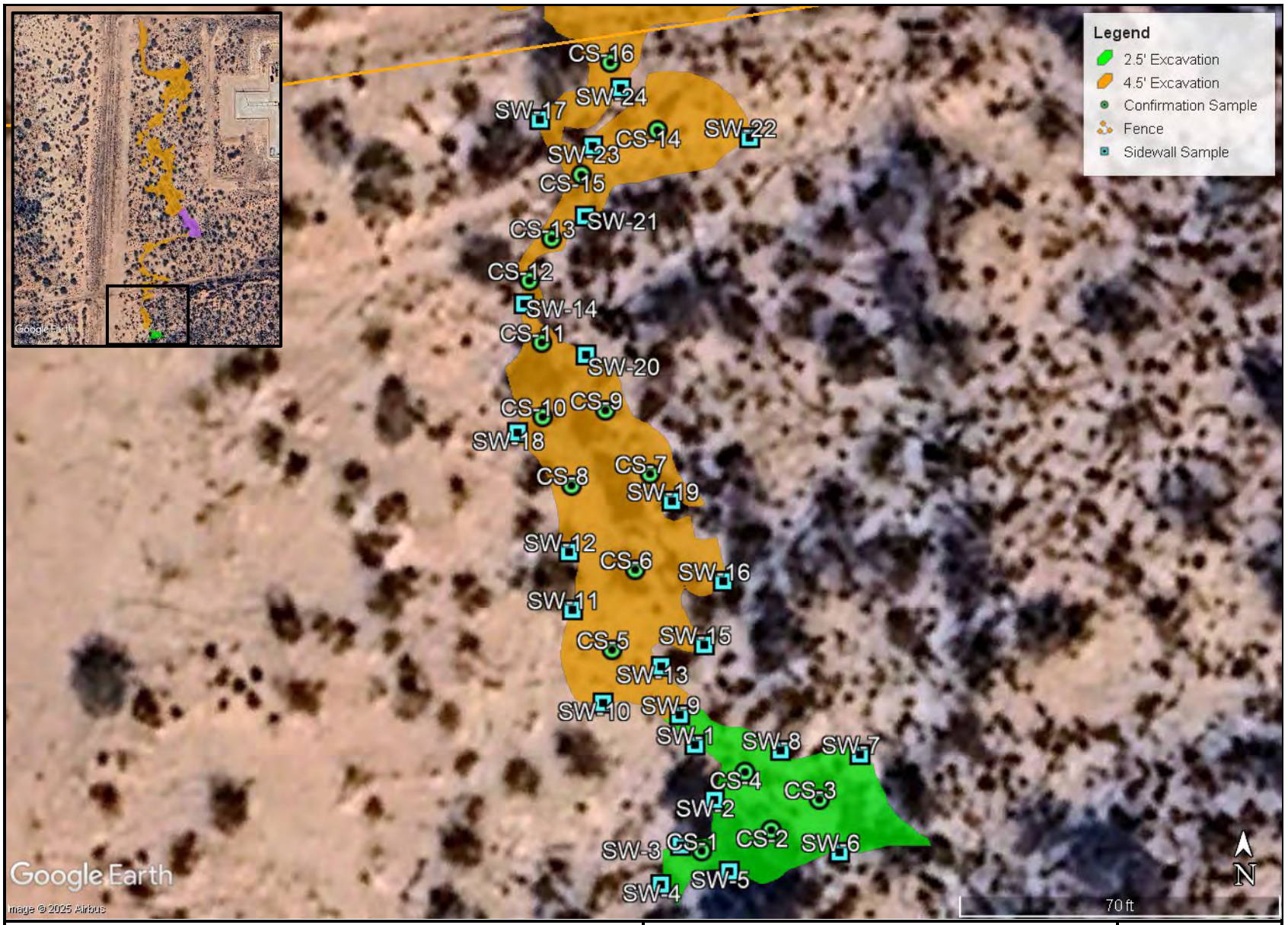
RELEASE OVERLAP MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 3



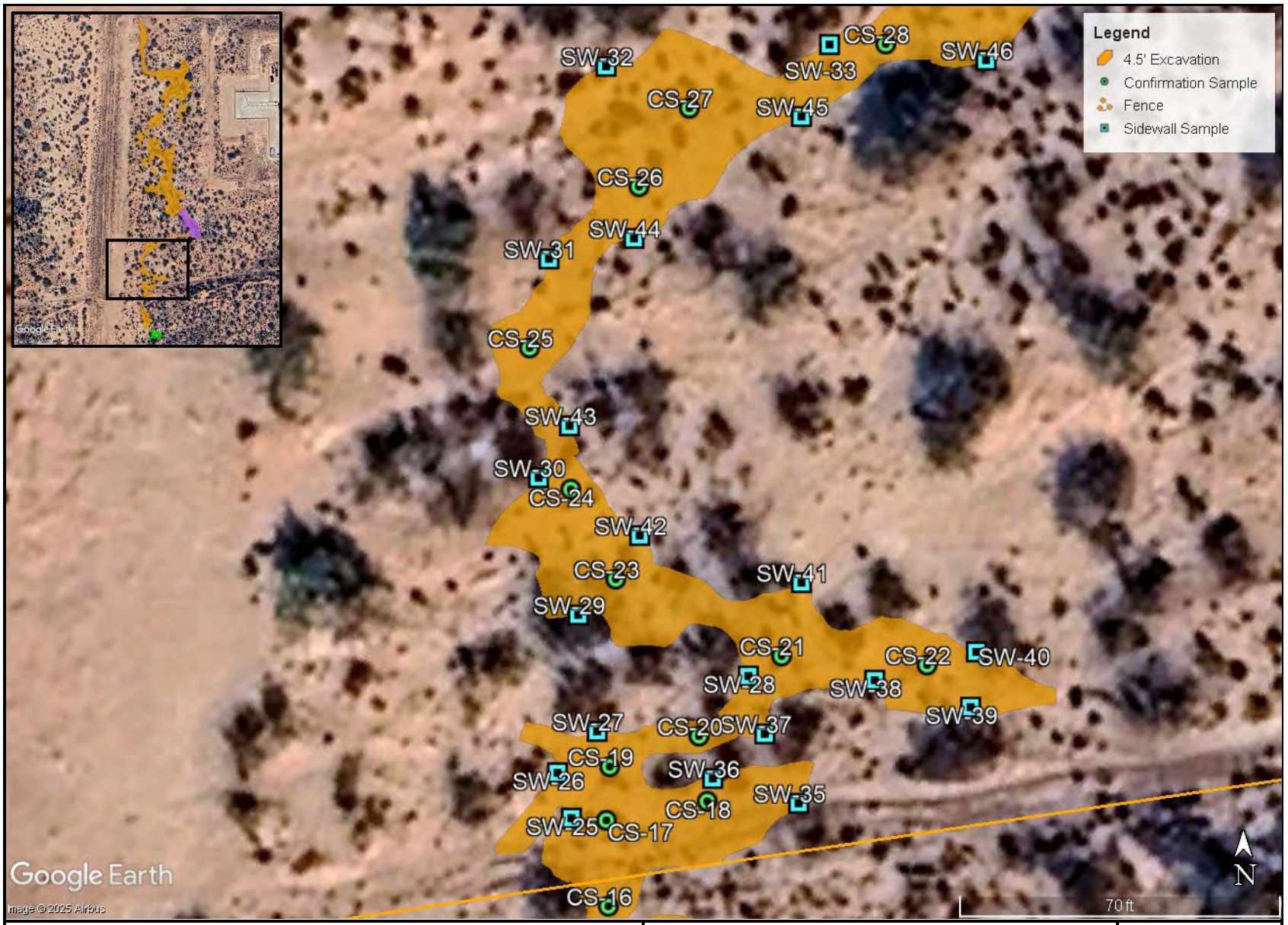
SAMPLE LOCATION MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 4



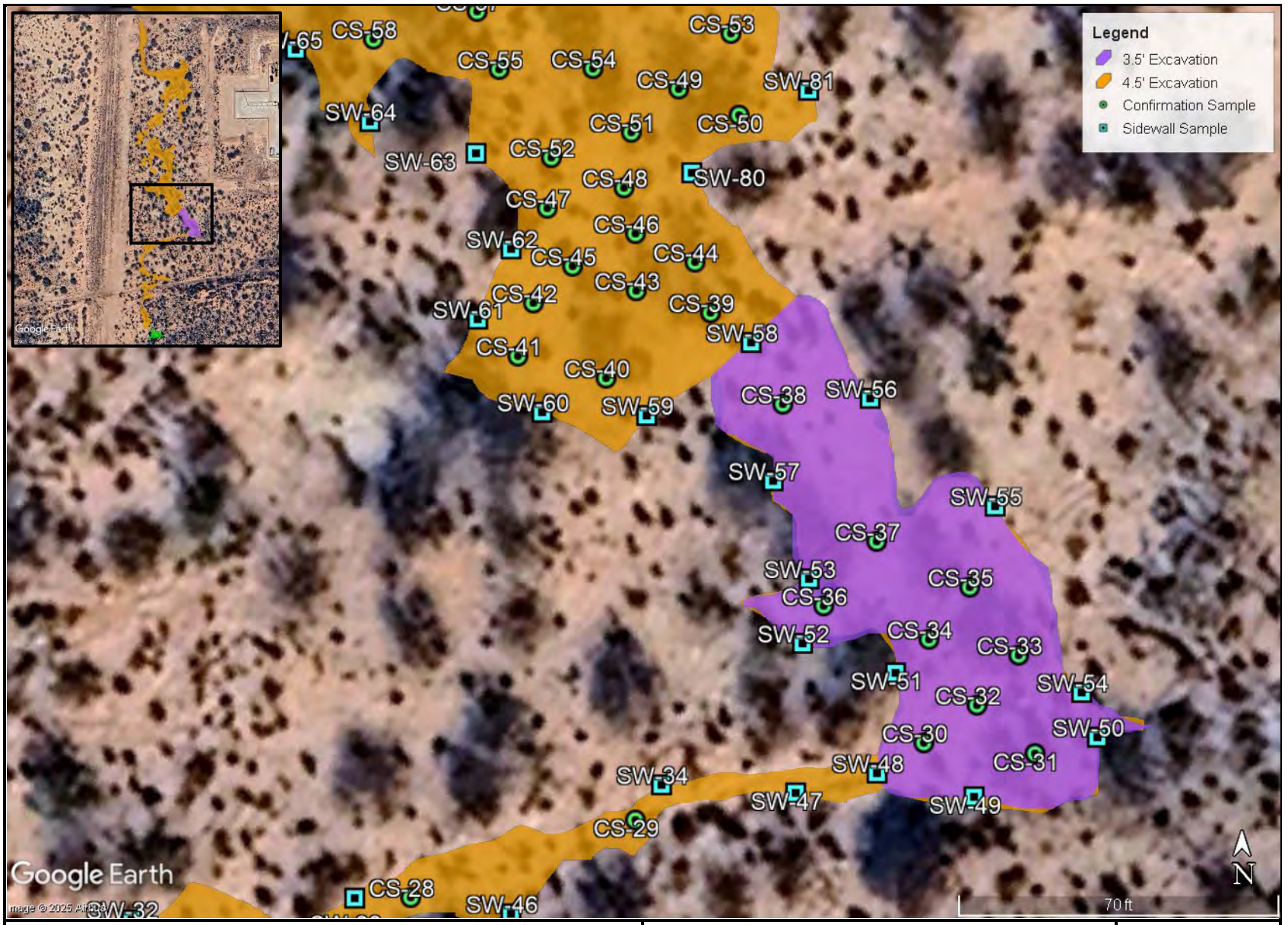
EXCAVATION DEPTH OVERVIEW MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 5A



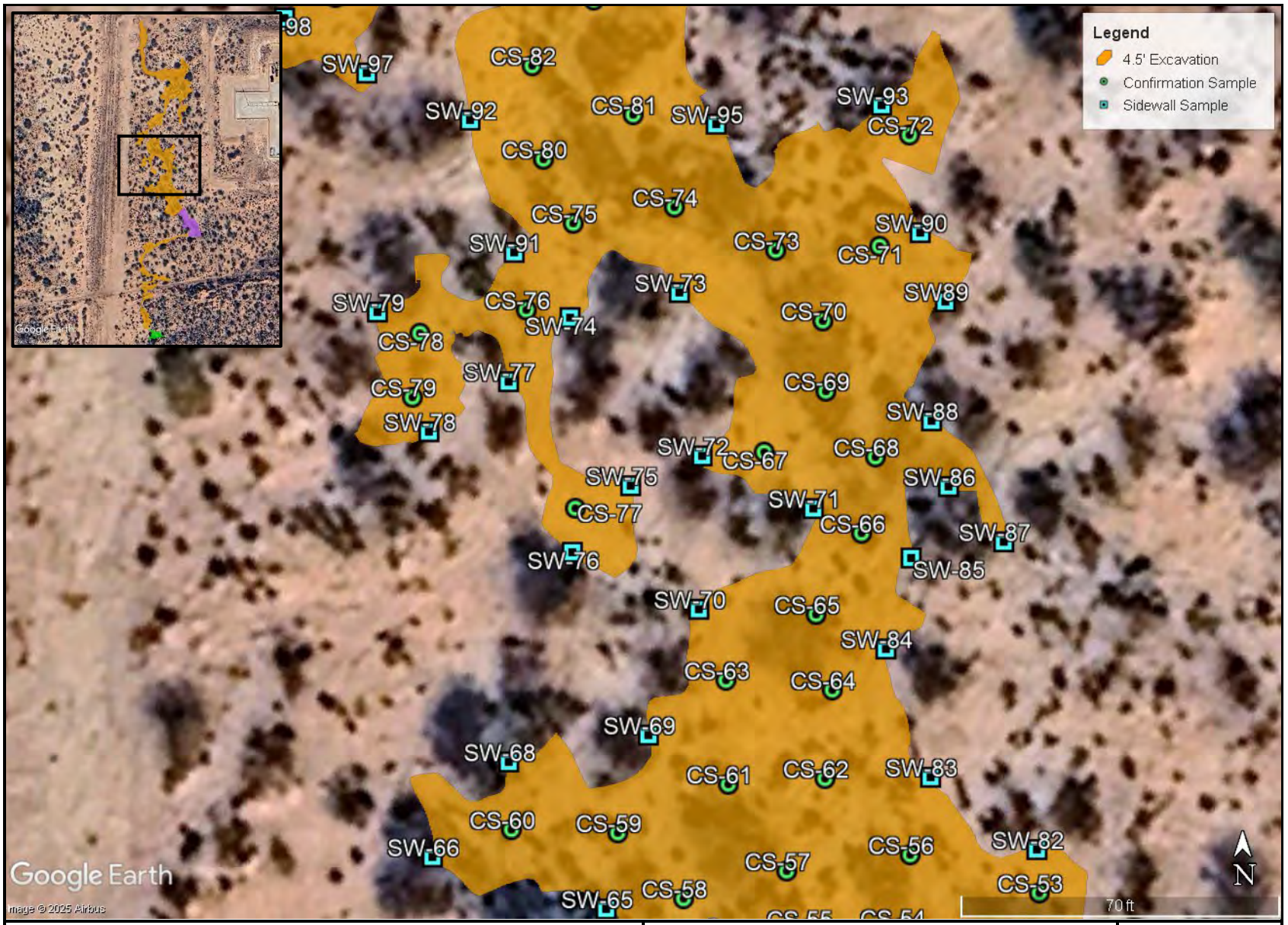
EXCAVATION DEPTH MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 5B



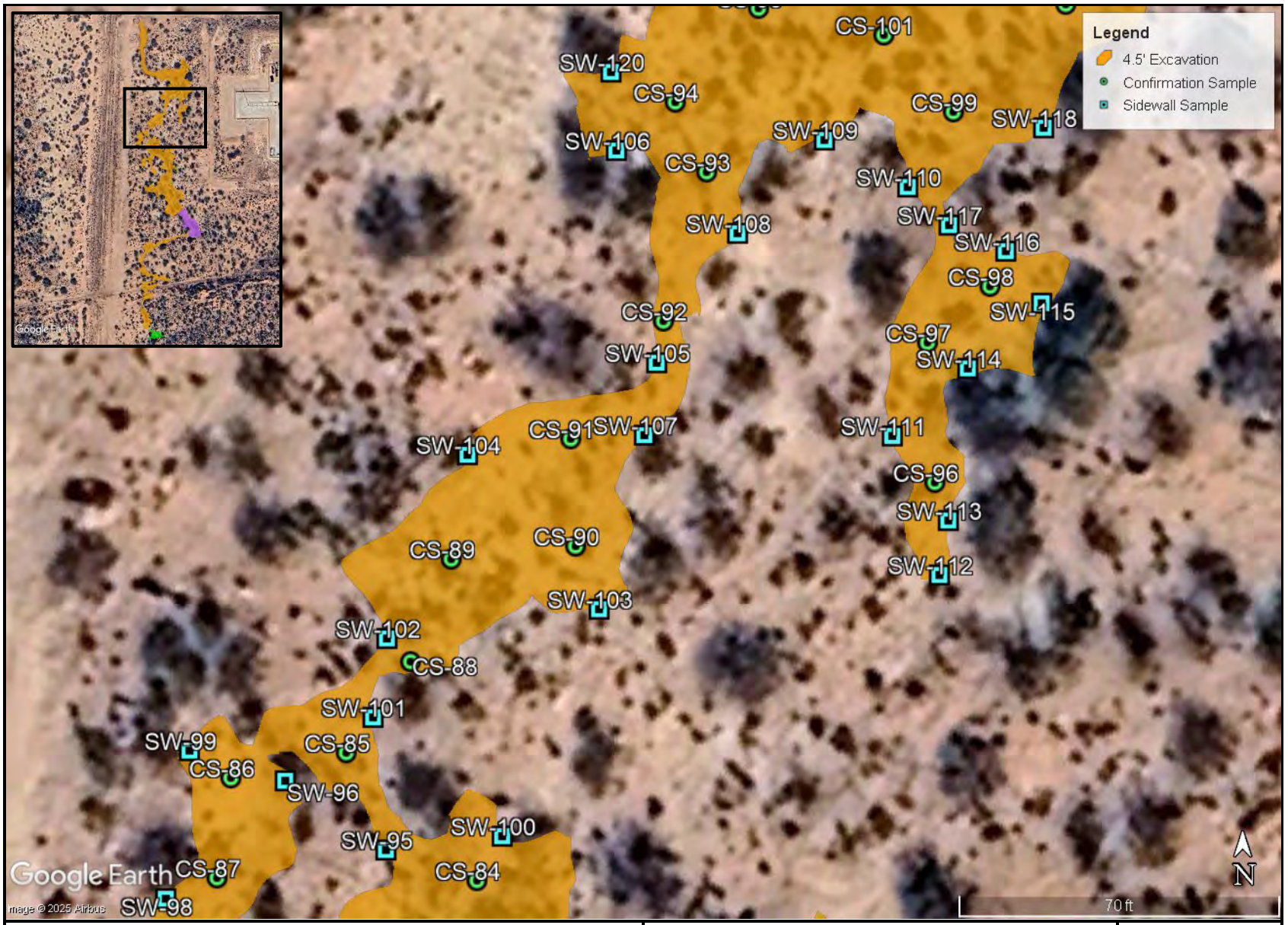
EXCAVATION DEPTH MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 5C



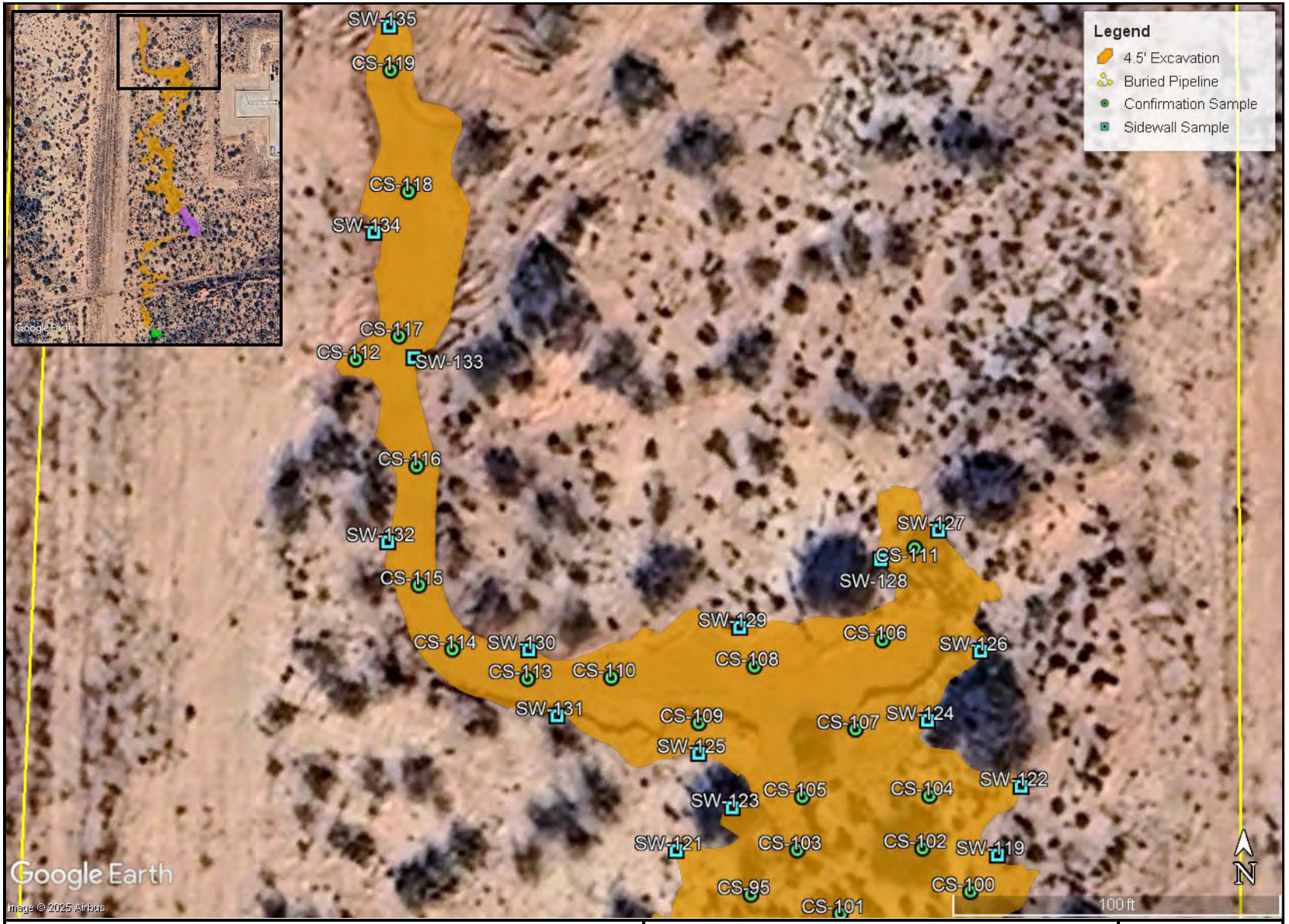
EXCAVATION DEPTH MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 5D



EXCAVATION DEPTH MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 5E



EXCAVATION DEPTH MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 5F



EXCAVATION DEPTH MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 5G

RECLAMATION AREA MAP NGL ENERGY PARTNERS NGL TIE IN (07.26.2024) LEA COUNTY, NEW MEXICO 32.034306°, -103.647038°	CARMONA RESOURCES	FIGURE 6

APPENDIX A

CARMONA RESOURCES

Table 1
NGL Water Solution
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/30/2024	0-1'	<49.7	**456**	<49.7	**456**	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,210**
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,450**
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,830**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,770**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**5,940**
T-1	10/7/2024	0-1.0'	<50.0	**119**	<50.0	**119**	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**1,550**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,620**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,840**
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,080**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,650**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,550
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,820
	"	7.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	4,530
	"	8.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	4,850
	"	9.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,130
	"	10'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,870
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,980
	"	12'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,590
	"	13'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
	"	14'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.1
S-2	8/30/2024	0-1'	<50.0	**1,130**	<50.0	**1,130**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**3,370**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,260**
	"	2.0'	<49.9	**157**	<49.9	**157**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**2,740**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**3,740**
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,880**
	"	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	2,990
T-2	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	309
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	539
	"	2.0'	<49.9	72.0	<49.9	72.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**910**
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	0.00238	<0.00402	<0.00402	**2,520**
	"	4.0'	<49.8	**614**	<49.8	**614**	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**3,920**
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	8,090
	"	6.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	534
	"	7.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,580
	"	8.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,420
	"	9.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,050
	"	10'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	179
	"	11'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) Sample Point
(T) Test Trench
Removed

Table 1
NGL Water Solution
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-3	8/30/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,480**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**7,020**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**6,550**
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**4,540**
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**4,970**
T-3	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**3,090**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,640**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**4,060**
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5,680**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**10,000**
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,780**
	"	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,200
	"	7.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5,020
	"	8.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,990
	"	9.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,050
	"	10'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,180
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,460
	"	12'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	4,680
	"	13'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,930
	"	14'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,670
	"	15'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.1
S-4	8/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**13,900**
	"	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,860**
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,200**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,570**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,540**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,080
T-4	10/7/2024	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	0.00453	0.0261	0.0307	**3,040**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	185
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<10.1
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.94
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) Sample Point
(T) Test Trench
Removed

Table 1
NGL Water Solution
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-5	8/30/2024	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**7,720**
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,100**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,790**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,380**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,530**
	"	5.0'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	152
S-6	8/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,630**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,050**
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**1,720**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,370**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**4,220**
	"	5.0'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,640
	"	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,670
T-5	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,300**
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,220**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,300**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**2,140**
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,440**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	4,350
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,340
	"	7.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,550
	"	8.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,030
	"	9.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11,400
	"	10'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5,660
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,750
	"	12'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,880
	"	13'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,990
	"	14'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
S-7	8/30/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,690**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,600**
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,850**
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,310**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,170**
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,180
	"	6.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	464
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) Sample Point
(T) Test Trench
Removed

Table 1
NGL Water Solution
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-8	8/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,740**
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,780**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,200**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**2,110**
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	205
	"	5.0'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	108
S-9	8/30/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**3,590**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,390**
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**3,280**
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**3,150**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**3,670**
	"	5.0'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,220
T-6	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**615**
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	134
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,890**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**2,920**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5,630**
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,620
	"	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,910
	"	7.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,080
	"	8.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	310
	"	9.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
S-10	8/30/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,200**
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**2,110**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,240**
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,750**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,860**
	"	5.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6,420
T-7	10/7/2024	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	433
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,250**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,700**
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,960**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**4,700**
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6,750
	"	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,760
	"	7.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	462
	"	8.0'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) Sample Point
(T) Test Trench
Removed

Table 1
NGL Water Solution
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-11	8/30/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**2,070**
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**3,210**
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,810**
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**4,200**
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**5,430**
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,820
T-8	10/7/2024	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	281
	"	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**1,390**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,800**
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**4,410**
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**5,830**
	"	5.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,100
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,390
	"	7.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.0
	"	8.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
S-12	8/30/2024	0-1'	<49.9	<49.9	50.4	50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**10,100**
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**1,770**
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**1,150**
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	143
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	70.7
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	89.9
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(S) Sample Point
(T) Test Trench
Removed

Table 1
NGL Water Solution
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	163
H-2	8/30/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5.86
H-3	8/30/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6.92
H-4	8/30/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<5.00
H-5	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<5.00
H-6	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.00
H-7	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.1
H-8	8/30/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.99
H-9	8/30/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	0.0254	0.0254	7.31
H-10	8/30/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<4.98
H-11	8/30/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<4.96
H-12	8/30/2024	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.20
H-13	8/30/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<5.04
H-14	8/30/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<5.00
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) Horizontal Point

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	4/3/2025	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	103
CS-2	4/3/2025	2.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	96.6
CS-3	4/3/2025	2.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	97.6
CS-4	4/3/2025	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	97.2
CS-5	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,130
CS-6	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,090
CS-7	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,640
CS-8	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,650
CS-9	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,430
CS-10	4/3/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,370
CS-11	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,780
CS-12	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,820
CS-13	4/3/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,440
CS-14	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,760
CS-15	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,670
CS-16	4/3/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,370
CS-17	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,660
CS-18	4/3/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,250
CS-19	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,600
CS-20	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,350
CS-21	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,250
CS-22	4/3/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,010
CS-23	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,660
CS-24	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,410
CS-25	4/3/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,820
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**20,000 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-26	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,470
CS-27	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,720
CS-28	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,870
CS-29	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,960
CS-30	4/3/2025	3.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	87.7
CS-31	4/3/2025	3.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.0
CS-32	4/3/2025	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	69.7
CS-33	4/3/2025	3.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	57.1
CS-34	4/3/2025	3.5'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	66.6
CS-35	4/3/2025	3.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	79.4
CS-36	4/3/2025	3.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.2
CS-37	4/3/2025	3.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	89.4
CS-38	4/3/2025	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	96.0
CS-39	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,730
CS-40	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,410
CS-41	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,190
CS-42	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,010
CS-43	4/3/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,480
CS-44	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,840
CS-45	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,860
CS-46	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,940
CS-47	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,260
CS-48	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,420
CS-49	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,750
CS-50	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,320
Regulatory Criteria [A]			**1,000 mg/kg**			**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**20,000 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-51	4/3/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,970
CS-52	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,490
CS-53	4/3/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,680
CS-54	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,610
CS-55	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,460
CS-56	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,490
CS-57	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,500
CS-58	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,480
CS-59	4/3/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,570
CS-60	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,440
CS-61	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,380
CS-62	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,400
CS-63	4/3/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,260
CS-64	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,180
CS-65	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,470
CS-66	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,490
CS-67	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,010
CS-68	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,350
CS-69	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,500
CS-70	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,470
CS-71	4/3/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,450
CS-72	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,480
CS-73	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,380
CS-74	4/3/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1,460
CS-75	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,430
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-76	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,470
CS-77	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,450
CS-78	4/3/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,470
CS-79	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,380
CS-80	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	358
CS-81	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,190
CS-82	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,920
CS-83	4/3/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,850
CS-84	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,800
CS-85	4/3/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,030
CS-86	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	0.00211	<0.00198	<0.00198	<0.00396	<0.00396	2,040
CS-87	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,490
CS-88	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,460
CS-89	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,640
CS-90	4/3/2025	4.0'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,480
CS-91	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	0.00333	<0.00200	<0.00200	<0.00401	<0.00401	2,010
CS-92	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	0.00200	<0.00401	<0.00401	2,320
CS-93	4/3/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,360
CS-94	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,810
CS-95	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,580
CS-96	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,720
CS-97	4/3/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,510
CS-98	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	0.00257	<0.00398	<0.00398	2,770
CS-99	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,810
CS-100	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,440
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-101	4/3/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,560
CS-102	4/3/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,370
CS-103	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,390
CS-104	4/3/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,420
CS-105	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,260
CS-106	4/3/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,260
CS-107	4/3/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,240
CS-108	4/3/2025	4.5'	<50.1	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,350
CS-109	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,320
CS-110	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,390
CS-111	4/3/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,520
CS-112	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,400
CS-113	4/3/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,460
CS-114	4/3/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	2,320
CS-115	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,480
CS-116	4/3/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,050
CS-117	4/3/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	64.6
CS-118	4/3/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.5
CS-119	4/3/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	71.5
Regulatory Criteria [A]			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	4/3/2025	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	58.4
SW-2	4/4/2025	2.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	95.3
SW-3	4/4/2025	2.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.0
SW-4	4/4/2025	2.5'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	67.4
SW-5	4/4/2025	2.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	88.3
SW-6	4/4/2025	2.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	83.0
SW-7	4/4/2025	2.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	73.9
SW-8	4/4/2025	2.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	59.4
SW-9	4/4/2025	2'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	80.5
SW-10	4/4/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
SW-11	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	67.1
SW-12	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	90.3
SW-13	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	79.1
SW-14	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	66.7
SW-15	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	96.4
SW-16	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	93.9
SW-17	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	93.5
SW-18	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	88.5
SW-19	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	89.5
SW-20	4/4/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	71.8
SW-21	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	95.0
SW-22	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	90.5
SW-23	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00221	<0.00199	<0.00398	<0.00398	89.2
SW-24	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	58.8
SW-25	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	69.7
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

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

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-26	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	87.3
SW-27	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	92.8
SW-28	4/4/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	64.3
SW-29	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	69.5
SW-30	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	68.8
SW-31	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	82.2
SW-32	4/4/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	63.5
SW-33	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	89.6
SW-34	4/4/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	66.2
SW-35	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	82.7
SW-36	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	85.8
SW-37	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
SW-38	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	69.9
SW-39	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	89.5
SW-40	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	69.9
SW-41	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	102
SW-42	4/4/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.0
SW-43	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	93.3
SW-44	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	97.6
SW-45	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.3
SW-46	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	66.1
SW-47	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	67.3
SW-48	4/4/2025	1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	83.3
SW-49	4/4/2025	3.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	121
SW-50	4/4/2025	3.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	101
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-51	4/4/2025	3.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
SW-52	4/4/2025	3.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	97.4
SW-53	4/4/2025	3.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	173
SW-54	4/4/2025	3.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	71.0
SW-55	4/4/2025	3.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	100
SW-56	4/4/2025	3.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	91.4
SW-57	4/4/2025	3.5'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	94.9
SW-58	4/4/2025	1'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	115
SW-59	4/4/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	105
SW-60	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	67.6
SW-61	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	89.9
SW-62	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	51.6
SW-63	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	90.4
SW-64	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	67.9
SW-65	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	82.1
SW-66	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	88.6
SW-67	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	66.1
SW-68	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	88.1
SW-69	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	110
SW-70	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	78.7
SW-71	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	72.2
SW-72	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	72.1
SW-73	4/4/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	107
SW-74	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	75.7
SW-75	4/4/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	105
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-76	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.2
SW-77	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	68.1
SW-78	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	79.8
SW-79	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	80.9
SW-80	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	82.4
SW-81	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	88.2
SW-82	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	124
SW-83	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	94.5
SW-84	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	104
SW-85	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	118
SW-86	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	104
SW-87	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	101
SW-88	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	75.6
SW-89	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113
SW-90	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	110
SW-91	4/4/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	116
SW-92	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	107
SW-93	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	105
SW-94	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	102
SW-95	4/4/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	111
SW-96	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	111
SW-97	4/4/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	119
SW-98	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	106
SW-99	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	100
SW-100	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	125
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-101	4/4/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	106
SW-102	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	0.00353	<0.00201	<0.00201	<0.00402	<0.00402	120
SW-103	4/4/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	107
SW-104	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	0.00210	<0.00200	<0.00200	<0.00399	<0.00399	99.4
SW-105	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	0.00274	<0.00199	<0.00398	<0.00398	85.1
SW-106	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	123
SW-107	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	82.6
SW-108	4/4/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	93.4
SW-109	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	0.00377	<0.00398	<0.00398	89.9
SW-110	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	119
SW-111	4/4/2025	4.5'	<50.4	<50.4	<50.4	<50.4	<0.00199	0.00361	<0.00199	<0.00398	<0.00398	123
SW-112	4/4/2025	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	126
SW-113	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	0.00203	0.00269	<0.00200	<0.00401	0.00472	112
SW-114	4/4/2025	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	143
SW-115	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	105
SW-116	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	0.00232	<0.00199	<0.00199	<0.00398	<0.00398	103
SW-117	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	96.4
SW-118	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	103
SW-119	4/4/2025	4.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	123
SW-120	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	68.3
SW-121	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	80.6
SW-122	4/4/2025	4.5'	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	89.7
SW-123	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	105
SW-124	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
SW-125	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.5
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

Table 2
NGL Water Solutions
NGL Tie In
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-126	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	88.0
SW-127	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	102
SW-128	4/4/2025	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	91.1
SW-129	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	74.7
SW-130	4/4/2025	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	86.6
SW-131	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	92.0
SW-132	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	94.2
SW-133	4/4/2025	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	98.6
SW-134	4/4/2025	4.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	92.9
SW-135	4/4/2025	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	108
Backfill	4/4/2025	-	<50.4	<50.4	<50.4	<50.4	<0.00199	0.00212	<0.00199	<0.00398	<0.00398	91.5
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 1

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Southeast, area of CS-1 through CS-4.

Photograph No. 2

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View South, area of CS-5 through CS-13.

Photograph No. 3

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View East, area of CS-14 through CS-15.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Northwest, area of CS-21 through CS-22.

Photograph No. 5

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Northwest, area of CS-23 through CS-24.

Photograph No. 6

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Southwest, area of CS-23 through CS-25.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 7

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View East, area of CS-26 thorugh CS-29.

Photograph No. 8

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

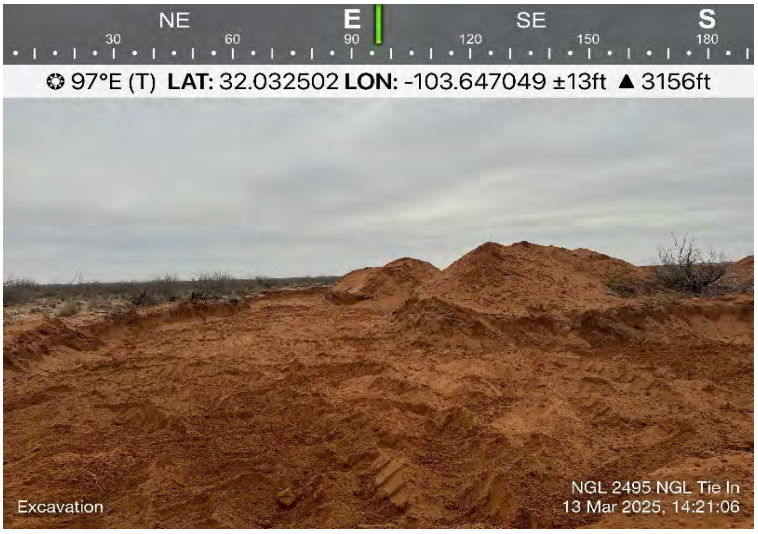
Description:
View Southeast, area of CS-30 through CS-38.

Photograph No. 9

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View East, area of CS-39 through CS-52.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 10

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Northeast, area of CS-53 through CS-65.

Photograph No. 11

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View East, area of CS-66 through CS-73.

Photograph No. 12

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View South, area of CS-73 through CS-79.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 13

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

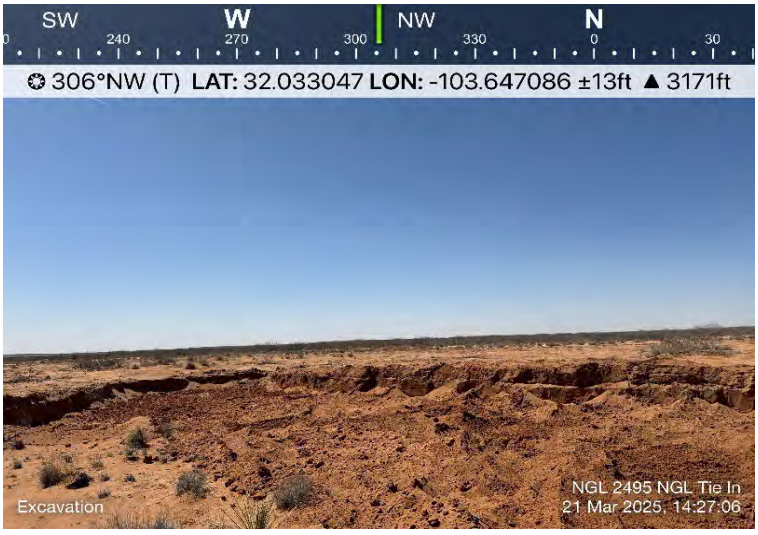
Description:
View South, area of CS-80 through CS-87.

Photograph No. 14

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Northwest, area of CS-89 through CS-91.



Photograph No. 15

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Northeast, area of CS-96 through CS-98.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 16

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

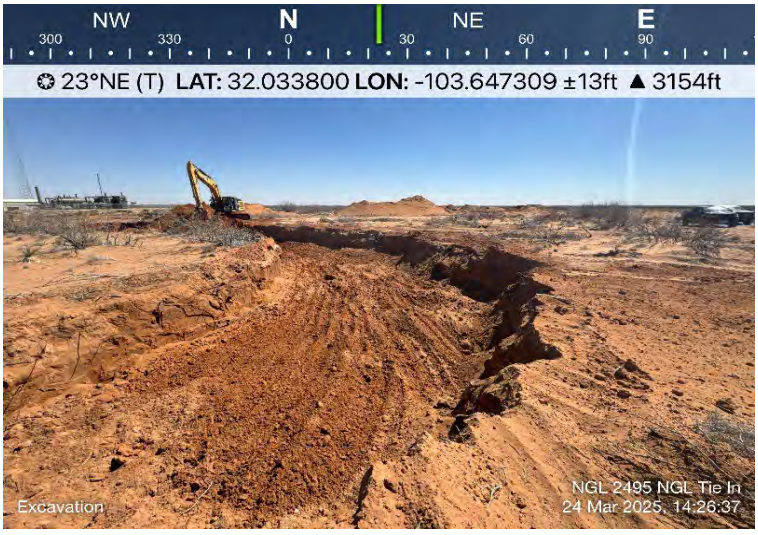
Description:
View Southeast, area of CS-92 through CS-95 and CS-99 through CS-111.

Photograph No. 17

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Northeast, area of CS-113 through CS-115.



Photograph No. 18

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View South, area of CS-112 and CS-115 through CS-119.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 19

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

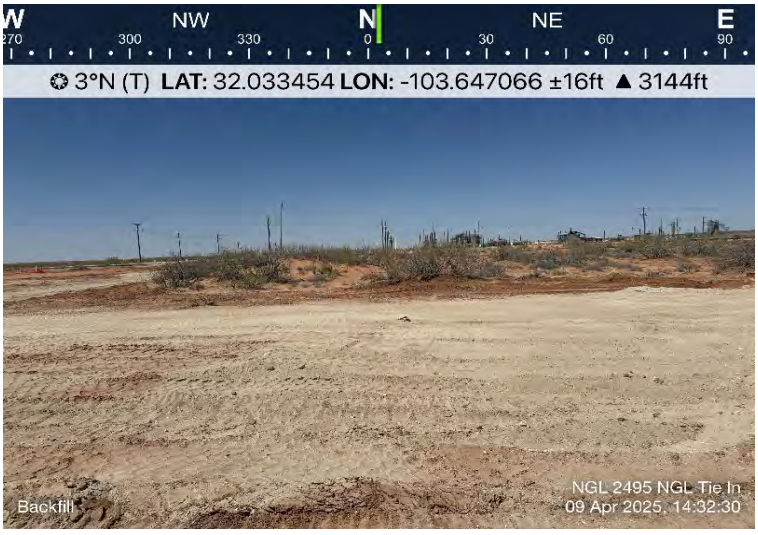
Description:
View Southeast of backfill area.

Photograph No. 20

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View North of backfill area.



Photograph No. 21

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View East of backfill area.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 22

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Southeast of backfill area.

Photograph No. 23

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Southwest of backfill area.

Photograph No. 24

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View South of backfill area.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 22

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View South of seed mixture.

Photograph No. 23

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Northeast of loading seed into seed drill,

Photograph No. 24

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View East of reseeding via seed drill.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 25

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View Northeast of reseeding via seed drill.

Photograph No. 26

Facility: NGL Tie In (07.26.2024)

County: Lea County, New Mexico

Description:
View East of reseeding via seed drill.

APPENDIX C

CARMONA RESOURCES

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

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

QUESTIONS

Action 372256

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 372256
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	NGL Tie In
Date Release Discovered	07/26/2024
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Pipeline (Any) | Produced Water | Released: 454 BBL | Recovered: 100 BBL | Lost: 354 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 372256
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

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

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Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 372256
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 372256
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jvargo	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/9/2024

SPILL VOLUME CALCULATIONS

INPUT DATA: (click "Reset Page" button to return all values to zero)

Total Area Calculations

Total Surface Area				saturated soil depth	% oil
Known Area #1	0 acres	or	63,698 sq. ft.	6 in	0%
Known Area #2	0 acres	or	0 sq. ft.	0 in	0%
Known Area #3	0 acres	or	0 sq. ft.	0 in	0%
Known Area #4	0 acres	or	0 sq. ft.	0 in	0%
	width		length		
Rectangle Area #1	0 ft		0 ft	0 in	0%
Rectangle Area #2	0 ft		0 ft	0 in	0%
Rectangle Area #3	0 ft		0 ft	0 in	0%
Rectangle Area #4	0 ft		0 ft	0 in	0%
	diameter			saturated soil depth	% oil
Circle Area #1	0 ft			0 in	0%
Circle Area #2	0 ft			0 in	0%
Circle Area #3	0 ft			0 in	0%
Circle Area #4	0 ft			0 in	0%

Standing Liquid Calculations

(leave blank if 100% of free liquid has been recovered)

Total Surface Area				liquid depth	% oil
Known Area #1	0 acres	or	0 sq. ft.	0 in	0%
Known Area #2	0 acres	or	0 sq. ft.	0 in	0%
Known Area #3	0 acres	or	0 sq. ft.	0 in	0%
Known Area #4	0 acres	or	0 sq. ft.	0 in	0%
	width		length		
Rectangle Area #1	0 ft		0 ft	0 in	0%
Rectangle Area #2	0 ft		0 ft	0 in	0%
Rectangle Area #3	0 ft		0 ft	0 in	0%
Rectangle Area #4	0 ft		0 ft	0 in	0%
	diameter			liquid depth	% oil
Circle Area #1	0 ft			0 in	0%
Circle Area #2	0 ft			0 in	0%
Circle Area #3	0 ft			0 in	0%
Circle Area #4	0 ft			0 in	0%

Amount of Free Liquid Recovered: bbl

Percentage of Oil in Free Liquid Recovered: 0%

Liquid Holding Factor*: 0.08 gal liquid/gal soil

(see below)

Use the following when the spill wets the grains of the soil.

* sand = .08 gallon liquid per gallon volume of soil.
* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.
* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.
* clay loam = .16 gallon liquid per gallon volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

Occurs when the spill soaked soil is contained by barriers, natural (or not).

* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.
* sandy loam = .5 gallon liquid per gallon volume of soil.

OUTPUT DATA:

Saturated Soil Volume Calculations

Total Contaminated Volume: 31,849.0 cu. ft. 1,179.6 yds.

Estimated Volumes Spilled

	Water	Oil
Liquid in Soil:	453.8 BBL	0.0 BBL
Free Liquid:	0.0 BBL	0.0 BBL
Free Liquid Recovered:	0.0 BBL	0.0 BBL
Total Liquid Spilled:	**453.8 BBL**	**0.0 BBL**
	19,058.4 gal	**0.0 gal**

Free Liquid Volume Calculations

	Water	Oil
Total Free Liquid:	0.0 BBL	0.0 BBL

Estimated Surface Damage

Surface Area: 63,698.0 sq. ft.

Surface Area: 1.5 acres

Recovered Volumes

Estimated oil recovered: 0.0 BBL

Estimated water recovered: 0.0 BBL

District I
1625 N. French Dr., Hobbs, NM 88240
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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 372258

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 372258
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2422243094**
Incident Name	**NAPP2422243094 NGL TIE IN @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NGL Tie In
Date Release Discovered	07/26/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Pipeline (Any) | Produced Water | Released: 454 BBL | Recovered: 100 BBL | Lost: 354 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 372258
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: Joseph Vargo Title: Regulatory manager Email: joseph.vargo@nglep.com Date: 08/09/2024

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QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 372258
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan	
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	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 372258
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	8/9/2024

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 447368

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447368
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2422243094**
Incident Name	**NAPP2422243094 NGL TIE IN @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**NGL TIE IN**
Date Release Discovered	**07/26/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	54,010
What is the estimated number of samples that will be gathered	260
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/02/2025
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432.813.6823
Please provide any information necessary for navigation to sampling site	32.032711, -103.647102 - Carmona Resources will be onsite to conduct composite confirmation sampling from 04.02.2025 and will continue until 04.04.2025."

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447368
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
cole lane	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.	3/31/2025

APPENDIX D

CARMONA RESOURCES

Received by OCD: 5/28/2025 9:36:07 AM

Nearest Water Well

NGL Water Solutions

Legend

- 0.46 Miles
- 0.50 Mile Radius
- 0.89 Miles
- Groundwater Determination Bore
- NGL Tie In (07.26.2024)

GWDB - 115' - Drilled 10.12.2022 (DRY)

112' GWDB - Drilled 2024

NGL Tie In (07.26.2024)

Google Earth

Released to Imaging: 7/15/2025 9:10:59 AM

Image © 2024 Airbus

N

3000 ft

Received by OCD: 5/28/2025 9:36:07 AM

Medium Karst

NGL Water Solutions

Released to Imaging: 7/15/2025 9:10:59 AM

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04549 POD1		CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9		3344	0	0	0
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2		3366	55		
C 02271	R	CUB	LE		NE	SW	21	26S	32E	624449.0	3544111.0 *		3397	150	125	25
C 03595 POD1		CUB	LE	SE	NE	SW	21	26S	32E	624422.6	3544045.9		3440	280	180	100
C 02271 POD2		CUB	LE	SW	NE	SW	21	26S	32E	624348.0	3544010.0 *		3522	270	250	20
C 02323		C	LE	SW	NE	SW	21	26S	32E	624348.0	3544010.0 *		3522	405	405	0
C 03537 POD1		CUB	LE	SW	NE	SW	21	26S	32E	624250.4	3543985.6		3622	850		

Average Depth to Water: **192 feet**

Minimum Depth: **0 feet**

Maximum Depth: **405 feet**

Record Count: 7

UTM Filters (in meters):

Easting: 627720.00

Northing: 3545028.00

Radius: 4000

*** UTM location was derived from PLSS - see Help**

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

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		C-4880

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Chevron USA Inc. (Agent-H&R Enterprises, LLC/James Hawley)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
PO 3641	Hobbs	NM	88241

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	02	11.3	N
	LONGITUDE	103	38	22.7	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-24-24	9-24-24	112'	112'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 9-27-24

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0'	112'	6"	No Casing left in hole				

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0'	25'	25'	Red Sand	Y ✓ N	
25'	60'	35'	Reddish Brown Sandy Clay	Y ✓ N	
60"	65"	5'	Pinkish Tan Sandy Clay	Y ✓ N	
65'	70'	5'	Yellow Sandy Clay	Y ✓ N	
70'	80'	10'	Reddish Brown Sandy Clay	Y ✓ N	
80'	85'	5'	Pinkish Tan Sandy Clay	Y ✓ N	
85'	112'	27'	Dark Red Sandy Clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: N/A

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Bore was gauged for water on 9-27-24, well bore was dry. Temporary well casing was removed. Borehole was backfilled to 10' BGS with drill cuttings, then hydrated Bentonite chips were poured from 10' BGS to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9-20-24 — DATE

FOR OSE INTERNAL USE

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

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

BORING RECORD

Start: 12:39
Finish: 14:32

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

PID READING scale: 2 4 6 8 10 12 14 16 18

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
L LABORATORY TEST LOCATION
\+ PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

JOB NUMBER : Chevron/ 20-0107-23
HOLE DIAMETER : 5"
LOCATION : Malestorm 15-1 SWD 32°2'28.43"N, 103°39'35.87"W
LAI GEOLOGIST : M. Larson
DRILLING CONTRACTOR : Scarborough Drilling
DRILLING METHOD : Air Rotary

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 10/12/2022

BORING NUMBER : BH-1

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 12:39 Finish: 14:32 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING PPM X (2 4 6 8 10 12 14 16 18)	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING SOIL : PPM SOIL : PPM
	70	Sandstone, 2.5YR 5/9, Reddish Brown, Very Fine Grained Quartz Sand,Poorly Sorted, Soft to Moderate, Well Cemented	Sand Stone							
	75									
	80	Shale (Red Bed), 2.5YR 4/6 to 5/6, Red to Reddish Brown, Silty, Very Fine Grained Quartz Sand, Dry	Shale			5			80	13:56
	85									
	90									
	95									
	100									
	105		Shale							
	110									
	115	TD: 115'								
	120									
	125									
	130									

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
L LABORATORY TEST LOCATION
\+ PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

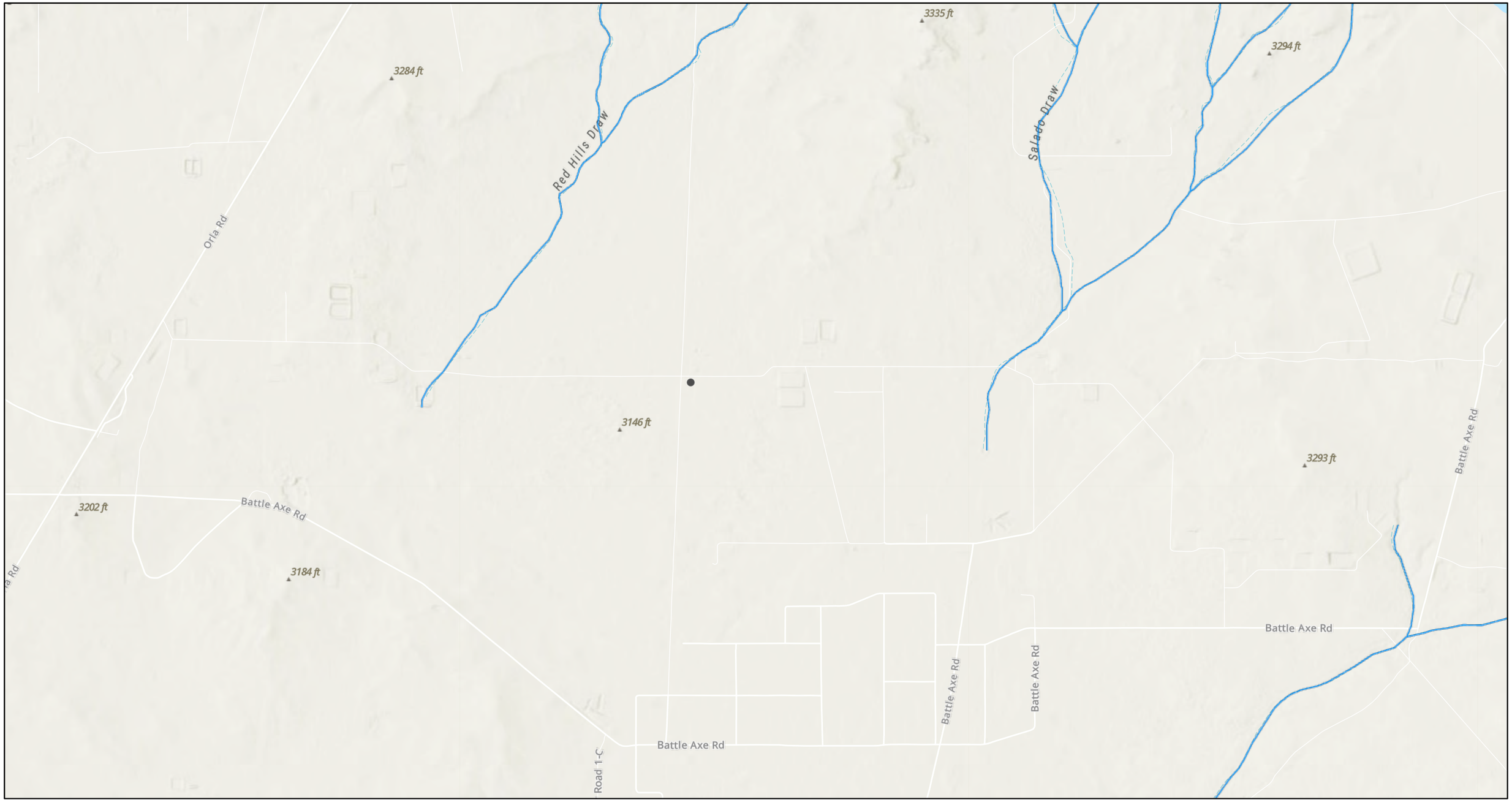
Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 10/12/2022

BORING NUMBER : BH-1

JOB NUMBER : Chevron/ 20-0107-23
HOLE DIAMETER : 5"
LOCATION : Malestorm 15-1 SWD 32°2'28.43"N, 103°39'35.87"W
LAI GEOLOGIST : M. Larson
DRILLING CONTRACTOR : Scarborough Drilling
DRILLING METHOD : Air Rotary

NGL Tie In (07.26.2024)



9/9/2024, 4:02:18 PM

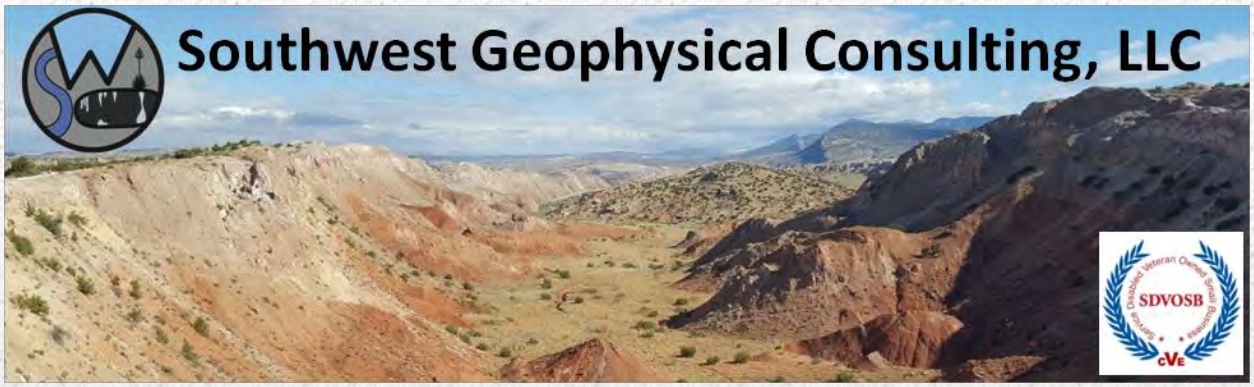
OSE Streams

1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

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



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

Prepared for:

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

☐ **Positive within 200 feet of spill delineation boundary**

☑ **Negative within 200 feet of spill delineation boundary**

☐ **Karst Monitor Recommended**

September 13, 2024

CARM-002-20240814

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Published by:
Southwest Geophysical Consulting, LLC
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1.0 INTRODUCTION

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

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

1.1 Goals of this Study

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

1.2 Summary of Findings

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

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

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

1.3 Affected Environment

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

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

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

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

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

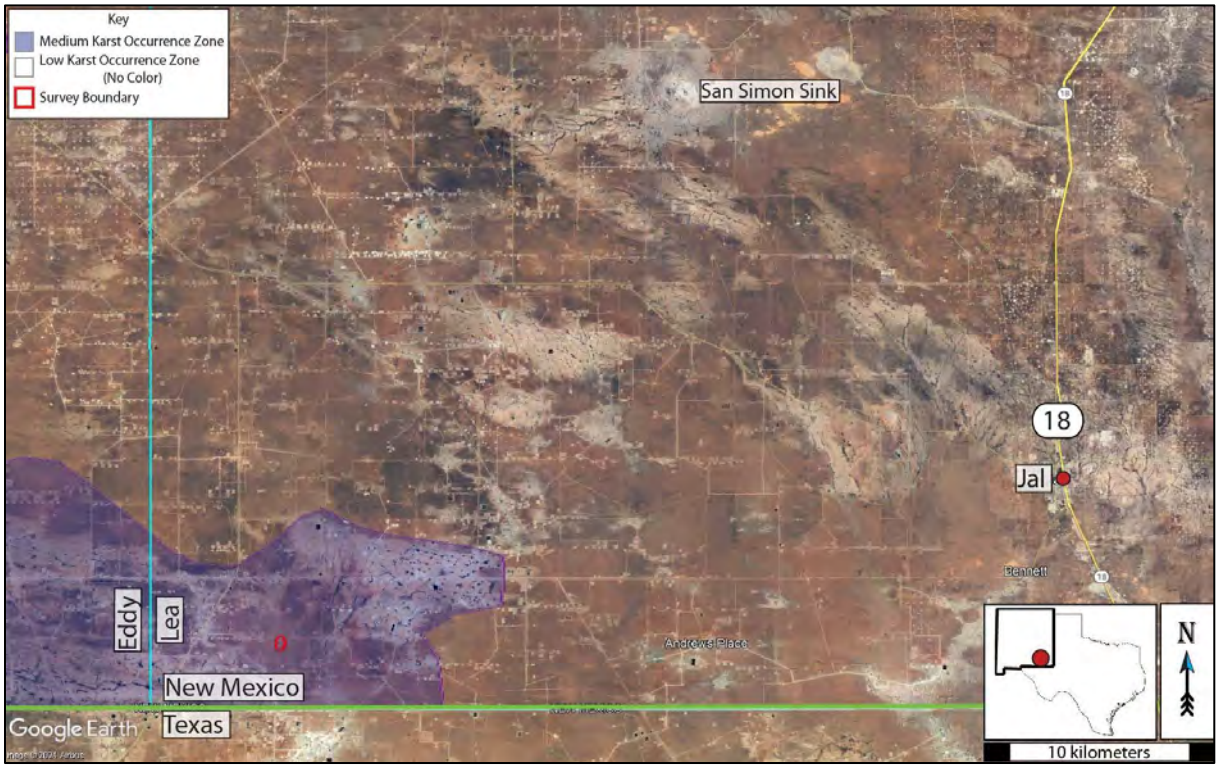

Figure 1: Karst occurrence overview. Background image: Google Earth. Image date: January 5, 2024. Datum: WGS-84.

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

1.4 Limitations of Report

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

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

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

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

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The SDPR project site is located in Lea County, New Mexico, 44.2 kilometers (27.4 miles) west-southwest of Jal, New Mexico (**Figure 1** and **Figure 2**). The release is located within the NW ¼ section of section 23 of NM T26S R32E[5]. The region is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January[6]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map[7] and the vegetation consists mostly of areas of grass, sparse creosote, and sparse yucca, with very good visibility in most locations. See section ***2.2 Local Geology*** for the geology of the area. The entirety of the survey is within an MKOZ (**Figure 1**) and within BLM-CFO managed land (**Figure 2**).

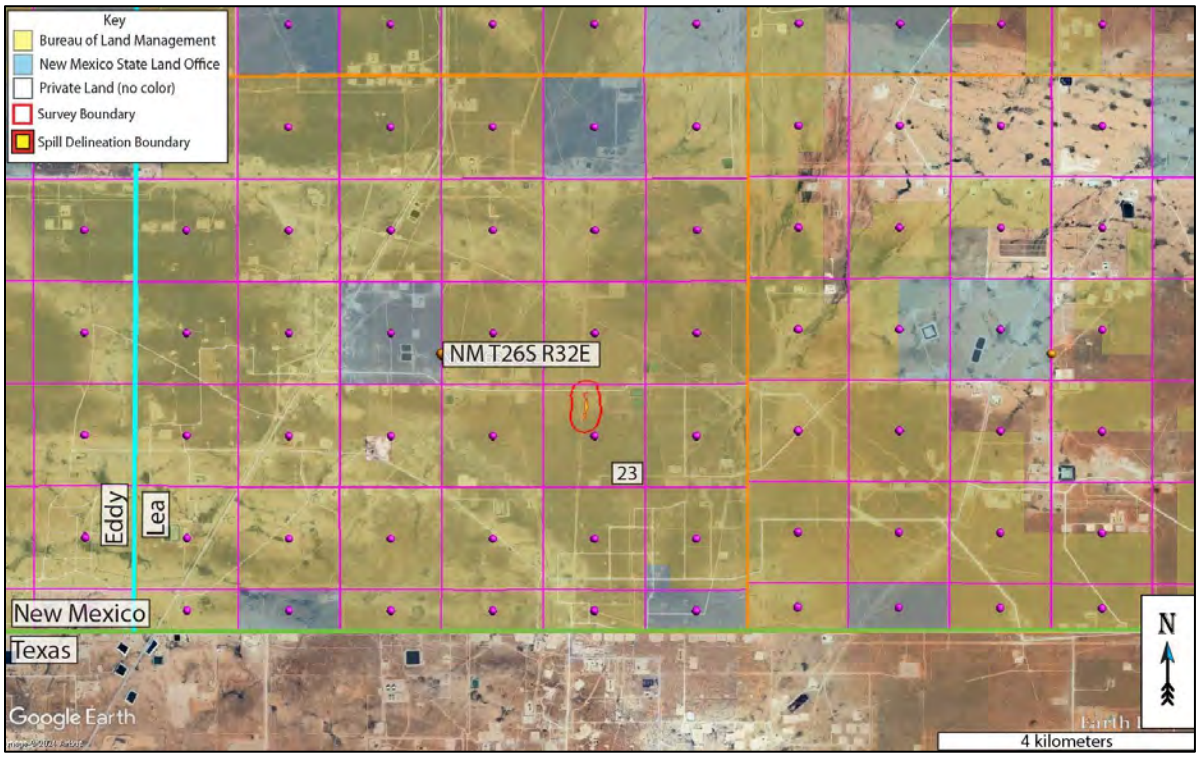

Figure 2: Land ownership[8] and PLSS[5] overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.2 Local Geology Summary

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

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

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

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

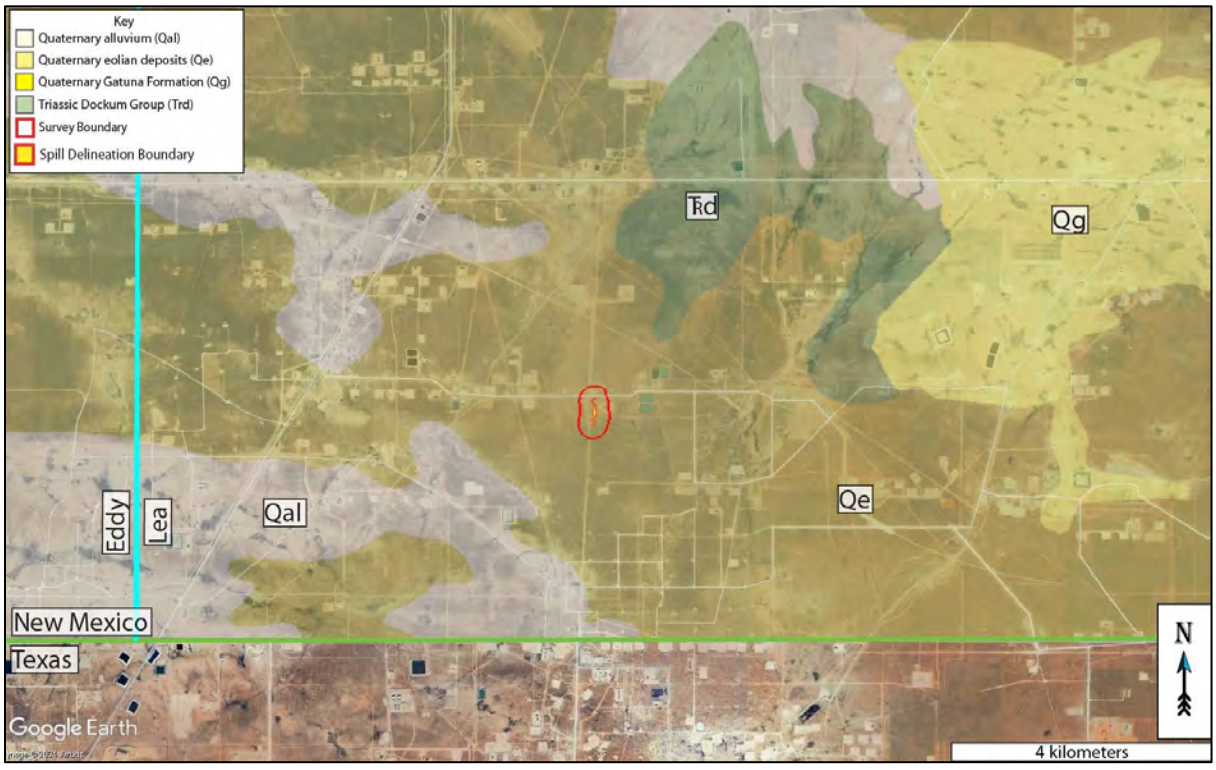

Figure 3: Geology overview. Map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format[9], and Google Earth. Image date: December 20, 2023. Datum: WGS-84.

2.3 Description of Survey

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

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

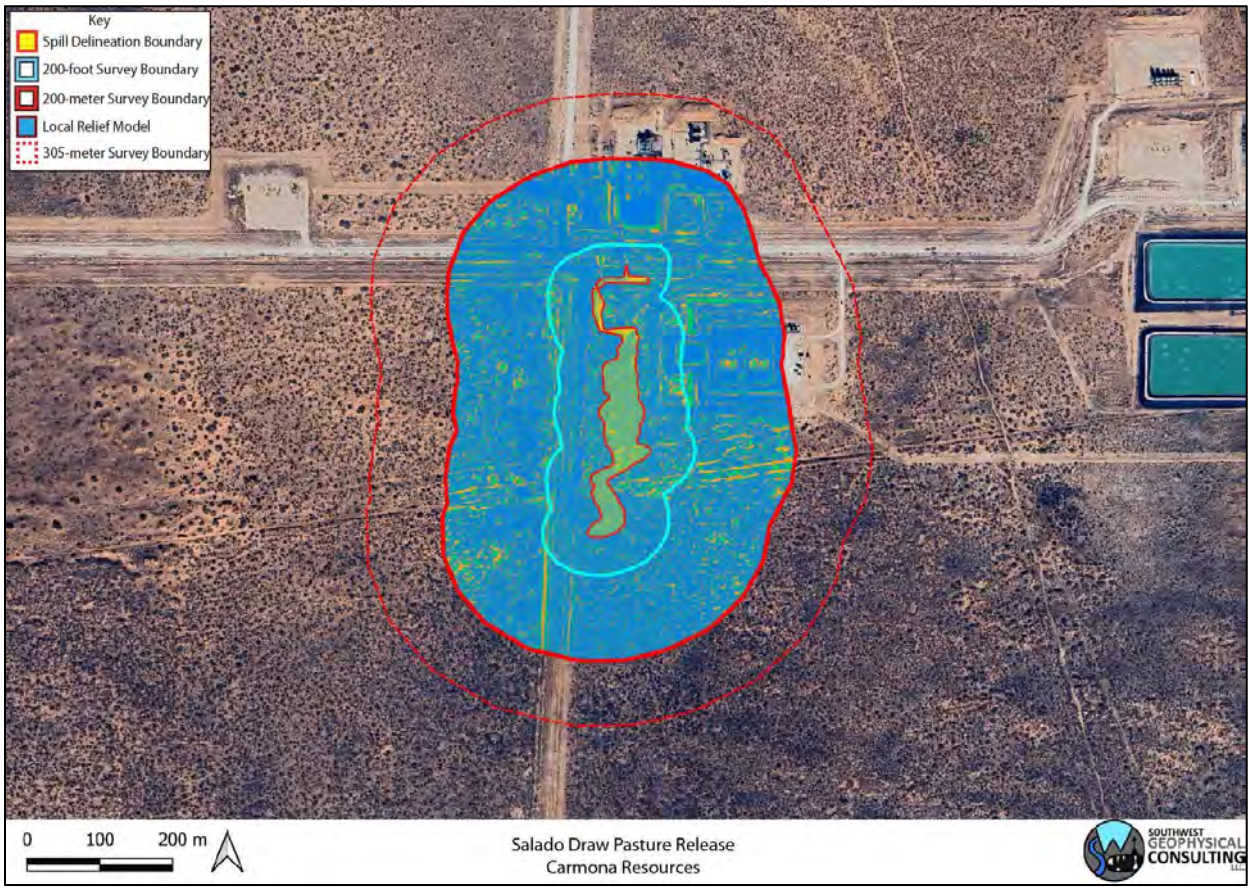

Figure 4: Survey overview. Background image credit: Google Earth. Image date: December 20, 2023. Datum: WGS-84.

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

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

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

2.4 Description of Karst Features

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

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

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

3.0 RECOMMENDATIONS

3.1 Summary

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

3.2 Disclosure Statement

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

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

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

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

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

blm_nm_karst@blm.gov

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

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

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5.0 GLOSSARY OF TERMS AND ABBREVIATIONS

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

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

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

6.0 ATTESTATION

David D. Decker, PhD, PG, CPG
Chief Executive Officer, Principal Geologist
Southwest Geophysical Consulting, LLC
5117 Fairfax Dr. NW
Albuquerque, NM 87114
dave@swgeophys.com
(505) 585-2550

CERTIFICATE OF AUTHOR

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

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

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

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

David D. Decker
PhD, CPG-12123

APPENDIX E

CARMONA RESOURCES

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ANALYTICAL REPORT

PREPARED FOR

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Midland, Texas 79701

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JOB DESCRIPTION

NGL- Tie In
Lea County, New Mexico

JOB NUMBER

880-48024-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Job Notes

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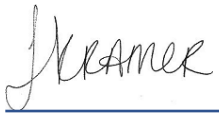
Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

Client: Carmona Resources
Project/Site: NGL- Tie In

Laboratory Job ID: 880-48024-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: NGL- Tie In

Job ID: 880-48024-1

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Job Narrative
880-48024-1

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

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

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

Receipt
The samples were received on 9/3/2024 3:05 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 -6.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1.0") (880-48024-1), S-1 (1.5') (880-48024-2), S-1 (2.0') (880-48024-3), S-1 (3.0') (880-48024-4), S-1 (4.0') (880-48024-5), S-2 (0-1.0") (880-48024-6), S-2 (1.5') (880-48024-7), S-2 (2.0') (880-48024-8), S-2 (3.0') (880-48024-9), S-2 (4.0') (880-48024-10), S-2 (4.5') (880-48024-11), S-3 (0-1.0") (880-48024-12), S-3 (1.5') (880-48024-13), S-3 (2.0') (880-48024-14), S-3 (3.0') (880-48024-15), S-3 (4.0') (880-48024-16), S-4 (0-1.0") (880-48024-17), S-4 (1.5') (880-48024-18), S-4 (2.0') (880-48024-19), S-4 (3.0') (880-48024-20), S-4 (4.0') (880-48024-21), S-4 (5.0') (880-48024-22), S-5 (0-1.0") (880-48024-23), S-5 (1.5') (880-48024-24), S-5 (2.0') (880-48024-25), S-5 (3.0') (880-48024-26), S-5 (4.0') (880-48024-27), S-5 (5.0') (880-48024-28), S-6 (0-1.0") (880-48024-29), S-6 (1.5') (880-48024-30), S-6 (2.0') (880-48024-31), S-6 (3.0') (880-48024-32), S-6 (4.0') (880-48024-33), S-6 (5.0') (880-48024-34), S-6 (6.0') (880-48024-35), S-7 (0-1.0") (880-48024-36), S-7 (1.5') (880-48024-37), S-7 (2.0') (880-48024-38), S-7 (3.0') (880-48024-39), S-7 (4.0') (880-48024-40), S-7 (5.0') (880-48024-41), S-7 (6.0) (880-48024-42), S-8 (0-1.0") (880-48024-43), S-8 (1.5') (880-48024-44), S-8 (2.0') (880-48024-45), S-8 (3.0') (880-48024-46), S-8 (4.0') (880-48024-47), S-8 (5.0') (880-48024-48), S-9 (0-1.0") (880-48024-49), S-9 (1.5') (880-48024-50), S-9 (2.0') (880-48024-51), S-9 (3.0') (880-48024-52), S-9 (4.0') (880-48024-53), S-9 (5.0') (880-48024-54), S-10 (0-1.0") (880-48024-55), S-10 (1.5') (880-48024-56), S-10 (2.0') (880-48024-57), S-10 (3.0') (880-48024-58), S-10 (4.0') (880-48024-59), S-10 (5.0') (880-48024-60), S-11 (0-1.0") (880-48024-61), S-11 (1.5') (880-48024-62), S-11 (2.0') (880-48024-63), S-11 (3.0') (880-48024-64), S-11 (4.0') (880-48024-65), S-11 (5.0') (880-48024-66), S-12 (0-1.0") (880-48024-67), S-12 (1.5') (880-48024-68), S-12 (2.0') (880-48024-69), S-12 (3.0') (880-48024-70), S-12 (4.0') (880-48024-71) and S-12 (4.5') (880-48024-72).

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-90050 and analytical batch 880-90120 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-90050 and analytical batch 880-90120 was outside the control limits.

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90030 and analytical batch 880-90113 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-1 (1.5') (880-48024-2), (LCS 880-90030/2-A) and (880-48023-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-1 (0-1.0") (880-48024-1), S-1 (2.0') (880-48024-3) and S-1 (3.0') (880-48024-4). Percent recoveries are based on the amount spiked.

Case Narrative

Client: Carmona Resources
Project: NGL- Tie In

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Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-2 (0-1.0") (880-48024-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-2 (1.5') (880-48024-7), S-2 (2.0') (880-48024-8), S-2 (3.0') (880-48024-9), S-2 (4.0') (880-48024-10), S-2 (4.5') (880-48024-11), S-3 (0-1.0") (880-48024-12), S-3 (1.5') (880-48024-13), S-3 (2.0') (880-48024-14), S-3 (3.0') (880-48024-15), S-3 (4.0') (880-48024-16), S-4 (0-1.0") (880-48024-17), S-4 (1.5') (880-48024-18), S-4 (2.0') (880-48024-19), S-4 (3.0') (880-48024-20), S-4 (4.0') (880-48024-21), S-4 (5.0') (880-48024-22), S-5 (0-1.0") (880-48024-23), S-5 (1.5') (880-48024-24), S-5 (2.0') (880-48024-25), S-5 (3.0') (880-48024-26), (LCS 880-90032/2-A), (880-48024-A-7-B MS) and (880-48024-A-7-C MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-90032/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90116 and analytical batch 880-90109 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-12 (4.0') (880-48024-71), S-12 (4.5') (880-48024-72) and (880-47051-A-14-A MB). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-90116 and analytical batch 880-90109 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-90116 and analytical batch 880-90109 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-12 (1.5') (880-48024-68), S-12 (2.0') (880-48024-69), S-12 (3.0') (880-48024-70), (880-47051-A-13-A MB) and (880-48024-A-67-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90037 and analytical batch 880-90107 was outside the upper control limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-90037 and analytical batch 880-90107 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90037 and analytical batch 880-90107 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 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-90035/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-90033/2-A) and (LCSD 880-90033/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: S-5 (4.0') (880-48024-27), S-5 (5.0') (880-48024-28), S-6 (0-1.0") (880-48024-29), S-6 (1.5') (880-48024-30), S-6 (2.0') (880-48024-31), S-6 (3.0') (880-48024-32), S-6 (4.0') (880-48024-33), S-6 (5.0') (880-48024-34), S-6 (6.0') (880-48024-35), S-7 (0-1.0") (880-48024-36), S-7 (1.5') (880-48024-37), S-7 (2.0') (880-48024-38), S-7 (3.0') (880-48024-39), S-7 (4.0') (880-48024-40), S-7 (5.0') (880-48024-41), S-7 (6.0) (880-48024-42), S-8 (0-1.0") (880-48024-43), S-8 (1.5') (880-48024-44), S-8 (2.0') (880-48024-45), S-8 (3.0') (880-48024-46), (CCV 880-90177/21), (880-48024-A-27-B MS) and (880-48024-A-27-C MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-90033 and analytical batch 880-90177 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

Case Narrative

Client: Carmona Resources
Project: NGL- Tie In

Job ID: 880-48024-1

limits.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90040 and analytical batch 880-90083 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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90041 and analytical batch 880-90090 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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90042 and analytical batch 880-90110 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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-90039 and analytical batch 880-90057 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: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-1.0")

Lab Sample ID: 880-48024-1
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:31*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:31*	*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			09/05/24 12:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**456**		49.7		mg/Kg			09/05/24 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:13	1
Diesel Range Organics (Over C10-C28)	**456**		49.7		mg/Kg		09/04/24 09:11	09/05/24 14:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:13	1
Total TPH	**456**		49.7		mg/Kg		09/04/24 09:11	09/05/24 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:13*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1210**		4.95		mg/Kg			09/06/24 20:38	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-48024-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 12:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:51*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (1.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:29	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:29*	*1*
o-Terphenyl	*126*		*70 - 130*	*09/04/24 09:11*	*09/05/24 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3450**		24.8		mg/Kg			09/06/24 20:46	5

Client Sample ID: S-1 (2.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-3
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		09/04/24 10:56	09/05/24 13:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 13:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 13:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 13:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 13:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:11*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 14:45	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-48024-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:11	09/05/24 14:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 14:45	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:45*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 14:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3830**		50.4		mg/Kg			09/06/24 20:55	10

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-48024-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 13:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:32*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 13:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:01	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 15:01*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 15:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-48024-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2770		24.8		mg/Kg			09/06/24 21:03	5

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-48024-5
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 13:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:52*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 13:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:16	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*09/04/24 09:11*	*09/05/24 15:16*	*1*
o-Terphenyl	*120*		*70 - 130*	*09/04/24 09:11*	*09/05/24 15:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5940	F1	50.2		mg/Kg			09/06/24 21:11	10

Client Sample ID: S-2 (0-1.0")

Lab Sample ID: 880-48024-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 14:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 14:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (0-1.0")

Lab Sample ID: 880-48024-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 14:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 14:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 14:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:13*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1130**		50.0		mg/Kg			09/05/24 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 15:32	1
Diesel Range Organics (Over C10-C28)	**1130**		50.0		mg/Kg		09/04/24 09:11	09/05/24 15:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 15:32	1
Total TPH	**1130**		50.0		mg/Kg		09/04/24 09:11	09/05/24 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*09/04/24 09:11*	*09/05/24 15:32*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 15:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3370**		25.1		mg/Kg			09/06/24 21:36	5

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-48024-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 14:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:33*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-48024-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 09:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 09:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 09:39	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 09:39*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 09:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2260**		24.9		mg/Kg			09/06/24 21:44	5

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-48024-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 14:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 14:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 14:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 10:56	09/05/24 14:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 14:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 10:56	09/05/24 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:53*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:56*	*09/05/24 14:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/05/24 14:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**157**		49.9		mg/Kg			09/05/24 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 10:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-48024-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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)	**157**		49.9		mg/Kg		09/04/24 09:15	09/05/24 10:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 10:27	1
Total TPH	**157**		49.9		mg/Kg		09/04/24 09:15	09/05/24 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 10:27*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 10:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2740**		24.9		mg/Kg			09/06/24 22:08	5

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-48024-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 15:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 15:14*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 15:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 10:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 10:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 10:44	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*159*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 10:44*	*1*
o-Terphenyl	*172*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 10:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-48024-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3740		50.3		mg/Kg			09/06/24 22:16	10

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-48024-10
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*09/04/24 10:56*	*09/05/24 15:34*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 10:56*	*09/05/24 15:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 15:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/05/24 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 11:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 11:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 11:00	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:00*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2880		25.1		mg/Kg			09/06/24 22:25	5

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-48024-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 17:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 17:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (4.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-11
Matrix: Solid

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		09/04/24 10:56	09/05/24 17:08	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/04/24 10:56	09/05/24 17:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 17:08	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/04/24 10:56	09/05/24 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:08*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:08*	*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			09/05/24 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:16	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*146*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:16*	*1*
o-Terphenyl	*156*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2990**		25.0		mg/Kg			09/06/24 22:33	5

Client Sample ID: S-3 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-12
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		09/04/24 10:56	09/05/24 17:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 17:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 17:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 17:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 17:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:29*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:29*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-1.0")

Lab Sample ID: 880-48024-12
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 17:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 11:32	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	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:32	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:32*	*1*
o-Terphenyl	*146*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3480**		50.1		mg/Kg			09/06/24 22:41	10

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-48024-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 17:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:49*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 17:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 11:48	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	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 11:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-48024-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:15	09/05/24 11:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 11:48	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*150*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:48*	*1*
o-Terphenyl	*161*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 11:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7020**		49.5		mg/Kg			09/06/24 22:49	10

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-48024-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 18:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:09*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 12:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 12:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 12:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 12:04	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:04*	*1*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-48024-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6550		49.5		mg/Kg			09/06/24 22:57	10

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-48024-15
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 18:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:30*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 12:20	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		09/04/24 09:15	09/05/24 12:20	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 12:20	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 12:20	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*146*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:20*	*1*
o-Terphenyl	*154*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4540	F1	50.4		mg/Kg			09/06/24 14:31	10

Client Sample ID: S-3 (4.0')

Lab Sample ID: 880-48024-16
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:56	09/05/24 18:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 18:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (4.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-16

Matrix: Solid

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		09/04/24 10:56	09/05/24 18:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 10:56	09/05/24 18:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 10:56	09/05/24 18:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 10:56	09/05/24 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:50*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 18:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/05/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 12:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 12:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 12:36	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*147*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:36*	*1*
o-Terphenyl	*156*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4970**		50.2		mg/Kg			09/06/24 14:56	10

Client Sample ID: S-4 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-17

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		09/04/24 10:56	09/05/24 19:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 19:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 19:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 19:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 10:56	09/05/24 19:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 10:56	09/05/24 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:11*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-1.0")

Lab Sample ID: 880-48024-17
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 13:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 13:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 13:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 13:08	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:08*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13900**		99.6		mg/Kg			09/06/24 15:04	20

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-48024-18
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 10:56	09/05/24 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:31*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 19:31	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			09/05/24 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		09/04/24 09:15	09/05/24 13:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-48024-18
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:15	09/05/24 13:24	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/04/24 09:15	09/05/24 13:24	1
Total TPH	<49.6	U	49.6		mg/Kg		09/04/24 09:15	09/05/24 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:24*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1860**		24.8		mg/Kg			09/06/24 15:12	5

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-48024-19
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 19:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 10:56	09/05/24 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:52*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:56*	*09/05/24 19:52*	*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			09/05/24 19:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/05/24 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 13:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 13:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 13:41	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:41*	*1*
o-Terphenyl	*154*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-48024-19
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200		25.0		mg/Kg			09/06/24 15:20	5

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-48024-20
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:56	09/05/24 20:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:56	09/05/24 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/04/24 10:56*	*09/05/24 20:12*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/04/24 10:56*	*09/05/24 20:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 20:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 13:57	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		09/04/24 09:15	09/05/24 13:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 13:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 13:57	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:57*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2570		24.8		mg/Kg			09/06/24 15:44	5

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-48024-21
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 23:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 23:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (4.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-21
Matrix: Solid

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		09/04/24 11:00	09/04/24 23:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/04/24 23:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 23:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/04/24 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:10*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:10*	*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			09/04/24 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 14:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 14:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 14:13	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:13*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3540**		24.8		mg/Kg			09/06/24 15:53	5

Client Sample ID: S-4 (5.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-22
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		09/04/24 11:00	09/04/24 23:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/04/24 23:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/04/24 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:30*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (5.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/04/24 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/05/24 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 14:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 14:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 14:29	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:15	09/05/24 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:29*	*1*
o-Terphenyl	*165*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8080**		50.4		mg/Kg			09/06/24 16:01	10

Client Sample ID: S-5 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-23
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		09/04/24 11:00	09/04/24 23:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/04/24 23:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/04/24 23:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/04/24 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:51*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:00*	*09/04/24 23:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/04/24 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 14:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 14:45	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (0-1.0")

Lab Sample ID: 880-48024-23
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:15	09/05/24 14:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 14:45	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:45*	*1*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 14:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7720**		49.6		mg/Kg			09/06/24 16:09	10

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-48024-24
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 00:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:12*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 00:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 15:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 15:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 15:01	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:15	09/05/24 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:01*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-48024-24
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		25.2		mg/Kg			09/06/24 16:17	5

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-48024-25
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:32*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:16	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:16*	*1*
o-Terphenyl	*143*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1790	F1	24.9		mg/Kg			09/06/24 16:25	5

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-48024-26
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-48024-26
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 00:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 00:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 00:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:53*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 00:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 00:53	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			09/05/24 15:32	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	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:32	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:15	09/05/24 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:32*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*09/04/24 09:15*	*09/05/24 15:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1380**		25.1		mg/Kg			09/06/24 16:50	5

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-48024-27
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 01:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:13*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-48024-27
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 01:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	49.8		mg/Kg		09/04/24 09:22	09/06/24 13:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 13:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 13:26	1
Total TPH	<49.8	U F1	49.8		mg/Kg		09/04/24 09:22	09/06/24 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 13:26*	*1*
o-Terphenyl	*159*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 13:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2530**		24.8		mg/Kg			09/06/24 16:58	5

Client Sample ID: S-5 (5.0')

Lab Sample ID: 880-48024-28
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 01:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 01:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 01:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 11:00	09/05/24 01:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 01:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:00	09/05/24 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:34*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:34*	*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			09/05/24 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/06/24 14:14	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		09/04/24 09:22	09/06/24 14:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (5.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-28
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)	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 14:14	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 14:14	1
Total TPH	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 14:14*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 14:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**		5.02		mg/Kg			09/06/24 17:22	1

Client Sample ID: S-6 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-29
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		09/04/24 11:00	09/05/24 01:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 01:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 01:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 01:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 01:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:54*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 01:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 01:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/06/24 14:30	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		09/04/24 09:22	09/06/24 14:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 14:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 14:30	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*167*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 14:30*	*1*
o-Terphenyl	*175*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 14:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (0-1.0")

Lab Sample ID: 880-48024-29
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2630		24.8		mg/Kg			09/06/24 17:30	5

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-48024-30
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 02:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*09/04/24 11:00*	*09/05/24 02:15*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:00*	*09/05/24 02:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 02:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:11	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*162*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:11*	*1*
o-Terphenyl	*319*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		25.2		mg/Kg			09/06/24 17:39	5

Client Sample ID: S-6 (2.0')

Lab Sample ID: 880-48024-31
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 03:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 03:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (2.0')

Lab Sample ID: 880-48024-31
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 03:40	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/04/24 11:00	09/05/24 03:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 03:40	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/04/24 11:00	09/05/24 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 03:40*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:00*	*09/05/24 03:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/05/24 03:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/06/24 17:28	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	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 17:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 17:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 17:28	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:28*	*1*
o-Terphenyl	*156*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1720**		24.9		mg/Kg			09/06/24 17:47	5

Client Sample ID: S-6 (3.0')

Lab Sample ID: 880-48024-32
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 04:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/05/24 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:00*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (3.0')

Lab Sample ID: 880-48024-32
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 04:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:44	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*169*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:44*	*1*
o-Terphenyl	*177*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 17:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2370**		25.2		mg/Kg			09/06/24 17:55	5

Client Sample ID: S-6 (4.0')

Lab Sample ID: 880-48024-33
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:21*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:21*	*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			09/05/24 04:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 18:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (4.0')

Lab Sample ID: 880-48024-33
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:22	09/06/24 18:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 18:00	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*182*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:00*	*1*
o-Terphenyl	*196*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4220**		50.3		mg/Kg			09/06/24 18:03	10

Client Sample ID: S-6 (5.0')

Lab Sample ID: 880-48024-34
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 04:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:41*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:00*	*09/05/24 04:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 04:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/06/24 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 18:16	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 18:16	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 18:16	1
Total TPH	<49.6	U	49.6		mg/Kg		09/04/24 09:22	09/06/24 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*148*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:16*	*1*
o-Terphenyl	*161*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (5.0')

Lab Sample ID: 880-48024-34
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3640		49.7		mg/Kg			09/06/24 18:11	10

Client Sample ID: S-6 (6.0')

Lab Sample ID: 880-48024-35
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:02*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 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	<50.0	U	50.0		mg/Kg			09/06/24 18:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 18:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 18:32	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:32*	*1*
o-Terphenyl	*150*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2670	F1	25.2		mg/Kg			09/06/24 18:06	5

Client Sample ID: S-7 (0-1.0")

Lab Sample ID: 880-48024-36
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:00	09/05/24 05:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 05:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-36

Matrix: Solid

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		09/04/24 11:00	09/05/24 05:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 11:00	09/05/24 05:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:00	09/05/24 05:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:00	09/05/24 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:22*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/05/24 05:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/06/24 18:48	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	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 18:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 18:48	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*154*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:48*	*1*
o-Terphenyl	*157*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1690**		25.1		mg/Kg			09/06/24 18:33	5

Client Sample ID: S-7 (1.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-37

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		09/04/24 11:00	09/05/24 05:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 05:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:00	09/05/24 05:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:00	09/05/24 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:43*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:00*	*09/05/24 05:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (1.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-37
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 05:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 19:20	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	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 19:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 19:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 19:20	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:20*	*1*
o-Terphenyl	*155*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1600**		24.9		mg/Kg			09/06/24 18:42	5

Client Sample ID: S-7 (2.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-38
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		09/04/24 11:00	09/05/24 06:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 06:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:00	09/05/24 06:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:04*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 06:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/06/24 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 19:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (2.0')

Lab Sample ID: 880-48024-38
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:22	09/06/24 19:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 19:37	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:37*	*1*
o-Terphenyl	*147*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1850**		24.8		mg/Kg			09/06/24 18:51	5

Client Sample ID: S-7 (3.0')

Lab Sample ID: 880-48024-39
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/05/24 06:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:00	09/05/24 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:24*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/05/24 06:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/06/24 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 19:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 19:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 19:53	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:22	09/06/24 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:53*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 19:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (3.0')

Lab Sample ID: 880-48024-39
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2310		25.2		mg/Kg			09/06/24 18:59	5

Client Sample ID: S-7 (4.0')

Lab Sample ID: 880-48024-40
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:00	09/05/24 06:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:00	09/05/24 06:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:45*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:00*	*09/05/24 06:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 06:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:09	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*194*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:09*	*1*
o-Terphenyl	*204*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2170		24.9		mg/Kg			09/07/24 02:23	5

Client Sample ID: S-7 (5.0')

Lab Sample ID: 880-48024-41
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (5.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-41
Matrix: Solid

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		09/04/24 11:03	09/05/24 12:33	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		09/04/24 11:03	09/05/24 12:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:03	09/05/24 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:03*	*09/05/24 12:33*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*09/04/24 11:03*	*09/05/24 12:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/05/24 12:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 20:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:25	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*151*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:25*	*1*
o-Terphenyl	*159*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1180**		5.02		mg/Kg			09/07/24 02:32	1

Client Sample ID: S-7 (6.0)

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-42
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		09/04/24 11:03	09/05/24 12:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 12:54	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 12:54	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 12:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 12:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:03*	*09/05/24 12:54*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*09/04/24 11:03*	*09/05/24 12:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (6.0)

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-42

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 12:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/06/24 20:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:41	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:41	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:41	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*179*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:41*	*1*
o-Terphenyl	*189*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**464**		4.97		mg/Kg			09/07/24 02:41	1

Client Sample ID: S-8 (0-1.0")

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-43

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		09/04/24 11:03	09/05/24 13:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 13:14	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 13:14	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 13:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 13:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:14*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 13:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/06/24 20:57	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	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:57	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (0-1.0")

Lab Sample ID: 880-48024-43
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:22	09/06/24 20:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:57	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:22	09/06/24 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:57*	*1*
o-Terphenyl	*151*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 20:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1740**		25.0		mg/Kg			09/07/24 02:50	5

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-48024-44
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 13:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:03	09/05/24 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:35*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 13:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/06/24 21:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 21:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 21:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 21:13	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*152*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:13*	*1*
o-Terphenyl	*159*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-48024-44
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		24.8		mg/Kg			09/07/24 02:59	5

Client Sample ID: S-8 (2.0')

Lab Sample ID: 880-48024-45
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 13:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:55*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:03*	*09/05/24 13:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 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	<49.8	U	49.8		mg/Kg			09/06/24 21:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:29	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:29*	*1*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200	F1	25.0		mg/Kg			09/07/24 03:08	5

Client Sample ID: S-8 (3.0')

Lab Sample ID: 880-48024-46
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 14:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 14:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (3.0')

Lab Sample ID: 880-48024-46
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 14:16	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 14:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 14:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:16*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:16*	*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			09/05/24 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/06/24 21:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:46	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:22	09/06/24 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:46*	*1*
o-Terphenyl	*153*	*S1+*	*70 - 130*	*09/04/24 09:22*	*09/06/24 21:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2110**		25.1		mg/Kg			09/07/24 03:34	5

Client Sample ID: S-8 (4.0')

Lab Sample ID: 880-48024-47
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 14:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:37*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (4.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-47
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/07/24 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:58	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/04/24 09:28*	*09/07/24 00:58*	*1*
o-Terphenyl	*85*		*70 - 130*	*09/04/24 09:28*	*09/07/24 00:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**205**		5.01		mg/Kg			09/07/24 03:43	1

Client Sample ID: S-8 (5.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-48
Matrix: Solid

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		09/04/24 11:03	09/05/24 14:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 14:57	1
Ethylbenzene	<0.00198	U *+	0.00198		mg/Kg		09/04/24 11:03	09/05/24 14:57	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		09/04/24 11:03	09/05/24 14:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 14:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:03	09/05/24 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:57*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 14:57*	*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			09/05/24 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 01:45	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (5.0')

Lab Sample ID: 880-48024-48
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:28	09/07/24 01:45	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 01:45	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*09/04/24 09:28*	*09/07/24 01:45*	*1*
o-Terphenyl	*87*		*70 - 130*	*09/04/24 09:28*	*09/07/24 01:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		4.96		mg/Kg			09/07/24 04:10	1

Client Sample ID: S-9 (0-1.0")

Lab Sample ID: 880-48024-49
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 15:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:03	09/05/24 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:03*	*09/05/24 15:18*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/04/24 11:03*	*09/05/24 15:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 15:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 02:00	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		09/04/24 09:28	09/07/24 02:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:00	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:00*	*1*
o-Terphenyl	*84*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (0-1.0")

Lab Sample ID: 880-48024-49
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3590		25.2		mg/Kg			09/07/24 04:19	5

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-48024-50
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 15:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:03*	*09/05/24 15:38*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 15:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 15:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/07/24 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 02:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 02:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 02:16	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:16*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2390		25.1		mg/Kg			09/07/24 04:28	5

Client Sample ID: S-9 (2.0')

Lab Sample ID: 880-48024-51
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 17:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 17:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (2.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-51
Matrix: Solid

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		09/04/24 11:03	09/05/24 17:03	1
m-Xylene & p-Xylene	<0.00397	U *+	0.00397		mg/Kg		09/04/24 11:03	09/05/24 17:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 17:03	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/04/24 11:03	09/05/24 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:03*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:03*	*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			09/05/24 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/07/24 02:32	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	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 02:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 02:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 02:32	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:32*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3280**		24.9		mg/Kg			09/07/24 04:36	5

Client Sample ID: S-9 (3.0')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-52
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		09/04/24 11:03	09/05/24 17:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 17:23	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 17:23	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		09/04/24 11:03	09/05/24 17:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 17:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:03	09/05/24 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:23*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (3.0')

Lab Sample ID: 880-48024-52
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 02:48	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	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:48	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:48*	*1*
o-Terphenyl	*80*		*70 - 130*	*09/04/24 09:28*	*09/07/24 02:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3150**		24.9		mg/Kg			09/07/24 04:45	5

Client Sample ID: S-9 (4.0')

Lab Sample ID: 880-48024-53
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 17:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:44*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:03*	*09/05/24 17:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/07/24 03:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 03:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (4.0')

Lab Sample ID: 880-48024-53
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:28	09/07/24 03:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 03:04	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:04*	*1*
o-Terphenyl	*85*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3670**		24.9		mg/Kg			09/07/24 04:54	5

Client Sample ID: S-9 (5.0')

Lab Sample ID: 880-48024-54
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 18:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:05*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:05*	*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			09/05/24 18:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/07/24 03:20	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	<49.6	U	49.6		mg/Kg		09/04/24 09:28	09/07/24 03:20	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/04/24 09:28	09/07/24 03:20	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/04/24 09:28	09/07/24 03:20	1
Total TPH	<49.6	U	49.6		mg/Kg		09/04/24 09:28	09/07/24 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:20*	*1*
o-Terphenyl	*85*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (5.0')

Lab Sample ID: 880-48024-54
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3220		25.2		mg/Kg			09/07/24 05:03	5

Client Sample ID: S-10 (0-1.0")

Lab Sample ID: 880-48024-55
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 18:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:25*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 18:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/07/24 03:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:36	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:36*	*1*
o-Terphenyl	*78*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2200	F1	24.9		mg/Kg			09/07/24 06:14	5

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-48024-56
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 18:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 18:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-48024-56
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:03	09/05/24 18:46	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		09/04/24 11:03	09/05/24 18:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:03	09/05/24 18:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:03	09/05/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:46*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/04/24 11:03*	*09/05/24 18:46*	*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			09/05/24 18:46	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			09/07/24 03:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:52	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:52*	*1*
o-Terphenyl	*75*		*70 - 130*	*09/04/24 09:28*	*09/07/24 03:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2110**		24.9		mg/Kg			09/07/24 06:41	5

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-48024-57
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
Ethylbenzene	<0.00199	U *+	0.00199		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:03	09/05/24 19:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:03	09/05/24 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:06*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-48024-57
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 19:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 04:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 04:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 04:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 04:25	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:25*	*1*
o-Terphenyl	*79*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2240**		24.9		mg/Kg			09/07/24 06:49	5

Client Sample ID: S-10 (3.0')

Lab Sample ID: 880-48024-58
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:03	09/05/24 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:27*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 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	<49.9	U	49.9		mg/Kg			09/07/24 04:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 04:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (3.0')

Lab Sample ID: 880-48024-58
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 04:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 04:40	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:40*	*1*
o-Terphenyl	*81*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2750**		24.8		mg/Kg			09/07/24 06:58	5

Client Sample ID: S-10 (4.0')

Lab Sample ID: 880-48024-59
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
m-Xylene & p-Xylene	<0.00401	U *+	0.00401		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 19:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:03	09/05/24 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:47*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 11:03*	*09/05/24 19:47*	*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			09/05/24 19:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/07/24 04:57	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		09/04/24 09:28	09/07/24 04:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 04:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 04:57	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:57*	*1*
o-Terphenyl	*82*		*70 - 130*	*09/04/24 09:28*	*09/07/24 04:57*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (4.0')

Lab Sample ID: 880-48024-59
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2860		24.9		mg/Kg			09/07/24 07:07	5

Client Sample ID: S-10 (5.0')

Lab Sample ID: 880-48024-60
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
Ethylbenzene	<0.00201	U *+	0.00201		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:03	09/05/24 20:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:03	09/05/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*09/04/24 11:03*	*09/05/24 20:08*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*09/04/24 11:03*	*09/05/24 20:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 05:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:13	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:13*	*1*
o-Terphenyl	*81*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6420		50.0		mg/Kg			09/07/24 07:34	10

Client Sample ID: S-11 (0-1.0")

Lab Sample ID: 880-48024-61
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 12:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (0-1.0")

Lab Sample ID: 880-48024-61
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 12:20	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 12:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/04/24 11:11*	*09/05/24 12:20*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*09/04/24 11:11*	*09/05/24 12:20*	*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			09/05/24 12:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/07/24 05:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 05:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 05:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 05:29	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:29*	*1*
o-Terphenyl	*82*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2070**		25.1		mg/Kg			09/07/24 07:43	5

Client Sample ID: S-11 (1.5')

Lab Sample ID: 880-48024-62
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 12:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*09/04/24 11:11*	*09/05/24 12:40*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 11:11*	*09/05/24 12:40*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (1.5')

Lab Sample ID: 880-48024-62
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/07/24 05:44	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	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:44	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:28	09/07/24 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:44*	*1*
o-Terphenyl	*78*		*70 - 130*	*09/04/24 09:28*	*09/07/24 05:44*	*1*

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			09/07/24 07:51	5

Client Sample ID: S-11 (2.0')

Lab Sample ID: 880-48024-63
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 13:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 13:01	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			09/07/24 06:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (2.0')

Lab Sample ID: 880-48024-63
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:28	09/07/24 06:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:00	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:00*	*1*
o-Terphenyl	*76*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2810**		25.1		mg/Kg			09/07/24 08:00	5

Client Sample ID: S-11 (3.0')

Lab Sample ID: 880-48024-64
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 13:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:21*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/07/24 06:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:16	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:16*	*1*
o-Terphenyl	*86*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (3.0')

Lab Sample ID: 880-48024-64
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4200		49.7		mg/Kg			09/07/24 08:09	10

Client Sample ID: S-11 (4.0')

Lab Sample ID: 880-48024-65
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 13:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/04/24 11:11*	*09/05/24 13:41*	*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			09/05/24 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/07/24 06:32	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	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:32	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:28	09/07/24 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:32*	*1*
o-Terphenyl	*83*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5430	F1	49.8		mg/Kg			09/07/24 08:18	10

Client Sample ID: S-11 (5.0')

Lab Sample ID: 880-48024-66
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 14:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 14:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (5.0')

Lab Sample ID: 880-48024-66
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 14:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 14:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 14:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:02*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 14:02	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			09/07/24 06:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:47	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:28	09/07/24 06:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:47*	*1*
o-Terphenyl	*78*		*70 - 130*	*09/04/24 09:28*	*09/07/24 06:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3820**		24.9		mg/Kg			09/07/24 08:45	5

Client Sample ID: S-12 (0-1.0")

Lab Sample ID: 880-48024-67
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 14:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:22*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (0-1.0")

Lab Sample ID: 880-48024-67
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**50.4**		49.9		mg/Kg			09/05/24 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2 *1	49.9		mg/Kg		09/04/24 09:35	09/05/24 11:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	49.9		mg/Kg		09/04/24 09:35	09/05/24 11:04	1
Oil Range Organics (Over C28-C36)	**50.4**		49.9		mg/Kg		09/04/24 09:35	09/05/24 11:04	1
Total TPH	**50.4**	**F1 F2**	49.9		mg/Kg		09/04/24 09:35	09/05/24 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*09/04/24 09:35*	*09/05/24 11:04*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 11:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10100**		99.0		mg/Kg			09/07/24 08:54	20

Client Sample ID: S-12 (1.5')

Lab Sample ID: 880-48024-68
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 14:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 14:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 14:43	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 11:11	09/05/24 14:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 14:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:11	09/05/24 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:43*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/04/24 11:11*	*09/05/24 14:43*	*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			09/05/24 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 12:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (1.5')

Lab Sample ID: 880-48024-68
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:35	09/05/24 12:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:02	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*145*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 12:02*	*1*
o-Terphenyl	*164*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 12:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1770**		24.8		mg/Kg			09/07/24 09:20	5

Client Sample ID: S-12 (2.0')

Lab Sample ID: 880-48024-69
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 15:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 11:11*	*09/05/24 15:03*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 15:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/05/24 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 12:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *1	49.7		mg/Kg		09/04/24 09:35	09/05/24 12:21	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:35	09/05/24 12:21	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:35	09/05/24 12:21	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:35	09/05/24 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*09/04/24 09:35*	*09/05/24 12:21*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 12:21*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (2.0')

Lab Sample ID: 880-48024-69
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1150		25.1		mg/Kg			09/07/24 09:29	5

Client Sample ID: S-12 (3.0')

Lab Sample ID: 880-48024-70
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 15:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/04/24 11:11*	*09/05/24 15:24*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 15:24*	*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			09/05/24 15:24	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			09/05/24 12:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:40	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:35	09/05/24 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*09/04/24 09:35*	*09/05/24 12:40*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*09/04/24 09:35*	*09/05/24 12:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		5.04		mg/Kg			09/07/24 09:38	1

Client Sample ID: S-12 (4.0')

Lab Sample ID: 880-48024-71
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 16:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 16:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (4.0')

Lab Sample ID: 880-48024-71
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 16:47	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/04/24 11:11	09/05/24 16:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 16:47	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/04/24 11:11	09/05/24 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/04/24 11:11*	*09/05/24 16:47*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 11:11*	*09/05/24 16:47*	*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			09/05/24 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 11:04	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	50.0		mg/Kg		09/05/24 08:55	09/05/24 11:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/05/24 08:55	09/05/24 11:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 11:04	1
Total TPH	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*09/05/24 08:55*	*09/05/24 11:04*	*1*
o-Terphenyl	*149*	*S1+*	*70 - 130*	*09/05/24 08:55*	*09/05/24 11:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.7**		5.04		mg/Kg			09/07/24 09:47	1

Client Sample ID: S-12 (4.5')

Lab Sample ID: 880-48024-72
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 17:07	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:07*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:07*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (4.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-72

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			09/05/24 17:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 12:02	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	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 12:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/05/24 08:55	09/05/24 12:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 12:02	1
Total TPH	<50.0	U	50.0		mg/Kg		09/05/24 08:55	09/05/24 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/05/24 08:55*	*09/05/24 12:02*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*09/05/24 08:55*	*09/05/24 12:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.9**		4.96		mg/Kg			09/07/24 09:56	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-48024-1	S-1 (0-1.0")	122	97
880-48024-1 MS	S-1 (0-1.0")	116	97
880-48024-1 MSD	S-1 (0-1.0")	114	96
880-48024-2	S-1 (1.5')	125	96
880-48024-3	S-1 (2.0')	123	96
880-48024-4	S-1 (3.0')	122	95
880-48024-5	S-1 (4.0')	123	95
880-48024-6	S-2 (0-1.0")	121	95
880-48024-7	S-2 (1.5')	124	95
880-48024-8	S-2 (2.0')	126	96
880-48024-9	S-2 (3.0')	125	95
880-48024-10	S-2 (4.0')	127	97
880-48024-11	S-2 (4.5')	125	95
880-48024-12	S-3 (0-1.0")	125	94
880-48024-13	S-3 (1.5')	125	95
880-48024-14	S-3 (2.0')	128	94
880-48024-15	S-3 (3.0')	121	94
880-48024-16	S-3 (4.0')	126	94
880-48024-17	S-4 (0-1.0")	126	95
880-48024-18	S-4 (1.5')	129	94
880-48024-19	S-4 (2.0')	129	96
880-48024-20	S-4 (3.0')	129	93
880-48024-21	S-4 (4.0')	80	90
880-48024-21 MS	S-4 (4.0')	109	106
880-48024-21 MSD	S-4 (4.0')	102	100
880-48024-22	S-4 (5.0')	82	90
880-48024-23	S-5 (0-1.0")	81	88
880-48024-24	S-5 (1.5')	84	88
880-48024-25	S-5 (2.0')	87	87
880-48024-26	S-5 (3.0')	76	89
880-48024-27	S-5 (4.0')	82	88
880-48024-28	S-5 (5.0')	82	87
880-48024-29	S-6 (0-1.0")	87	89
880-48024-30	S-6 (1.5')	81	86
880-48024-31	S-6 (2.0')	87	90
880-48024-32	S-6 (3.0')	80	87
880-48024-33	S-6 (4.0')	82	92
880-48024-34	S-6 (5.0')	88	85
880-48024-35	S-6 (6.0')	86	89
880-48024-36	S-7 (0-1.0")	89	85
880-48024-37	S-7 (1.5')	86	86
880-48024-38	S-7 (2.0')	90	89
880-48024-39	S-7 (3.0')	85	84
880-48024-40	S-7 (4.0')	82	82
880-48024-41	S-7 (5.0')	82	75
880-48024-41 MS	S-7 (5.0')	107	114
880-48024-41 MSD	S-7 (5.0')	94	109
880-48024-42	S-7 (6.0)	87	78
880-48024-43	S-8 (0-1.0")	80	94

Surrogate Summary

Client: Carmona Resources
Job ID: 880-48024-1
Project/Site: NGL- Tie In
SDG: Lea County, New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-48024-44	S-8 (1.5')	79	94								
880-48024-45	S-8 (2.0')	83	90								
880-48024-46	S-8 (3.0')	81	87								
880-48024-47	S-8 (4.0')	80	91								
880-48024-48	S-8 (5.0')	80	88								
880-48024-49	S-9 (0-1.0")	86	91								
880-48024-50	S-9 (1.5')	89	88								
880-48024-51	S-9 (2.0')	79	86								
880-48024-52	S-9 (3.0')	85	88								
880-48024-53	S-9 (4.0')	88	90								
880-48024-54	S-9 (5.0')	83	88								
880-48024-55	S-10 (0-1.0")	82	93								
880-48024-56	S-10 (1.5')	85	88								
880-48024-57	S-10 (2.0')	87	95								
880-48024-58	S-10 (3.0')	84	90								
880-48024-59	S-10 (4.0')	84	95								
880-48024-60	S-10 (5.0')	87	89								
880-48024-61	S-11 (0-1.0")	104	95								
880-48024-61 MS	S-11 (0-1.0")	99	98								
880-48024-61 MSD	S-11 (0-1.0")	96	103								
880-48024-62	S-11 (1.5')	106	96								
880-48024-63	S-11 (2.0')	105	97								
880-48024-64	S-11 (3.0')	110	94								
880-48024-65	S-11 (4.0')	108	98								
880-48024-66	S-11 (5.0')	110	97								
880-48024-67	S-12 (0-1.0")	116	94								
880-48024-68	S-12 (1.5')	107	99								
880-48024-69	S-12 (2.0')	110	97								
880-48024-70	S-12 (3.0')	109	97								
880-48024-71	S-12 (4.0')	105	96								
880-48024-72	S-12 (4.5')	111	94								
LCS 880-90047/1-A	Lab Control Sample	117	97								
LCS 880-90048/1-A	Lab Control Sample	97	105								
LCS 880-90050/1-A	Lab Control Sample	109	108								
LCS 880-90051/1-A	Lab Control Sample	95	99								
LCSD 880-90047/2-A	Lab Control Sample Dup	116	96								
LCSD 880-90048/2-A	Lab Control Sample Dup	104	102								
LCSD 880-90050/2-A	Lab Control Sample Dup	103	102								
LCSD 880-90051/2-A	Lab Control Sample Dup	95	99								
MB 880-89985/5-A	Method Blank	71	97								
MB 880-90047/5-A	Method Blank	116	91								
MB 880-90048/5-A	Method Blank	71	100								
MB 880-90050/5-A	Method Blank	68 S1-	97								
MB 880-90051/5-A	Method Blank	98	92								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea 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)
880-48023-A-1-B MS	Matrix Spike	123	125
880-48023-A-1-C MSD	Matrix Spike Duplicate	149 S1+	119
880-48024-1	S-1 (0-1.0")	137 S1+	137 S1+
880-48024-2	S-1 (1.5')	131 S1+	126
880-48024-3	S-1 (2.0')	140 S1+	135 S1+
880-48024-4	S-1 (3.0')	144 S1+	135 S1+
880-48024-5	S-1 (4.0')	124	120
880-48024-6	S-2 (0-1.0")	124	138 S1+
880-48024-7	S-2 (1.5')	139 S1+	148 S1+
880-48024-7 MS	S-2 (1.5')	140 S1+	157 S1+
880-48024-7 MSD	S-2 (1.5')	138 S1+	154 S1+
880-48024-8	S-2 (2.0')	137 S1+	148 S1+
880-48024-9	S-2 (3.0')	159 S1+	172 S1+
880-48024-10	S-2 (4.0')	140 S1+	152 S1+
880-48024-11	S-2 (4.5')	146 S1+	156 S1+
880-48024-12	S-3 (0-1.0")	137 S1+	146 S1+
880-48024-13	S-3 (1.5')	150 S1+	161 S1+
880-48024-14	S-3 (2.0')	133 S1+	142 S1+
880-48024-15	S-3 (3.0')	146 S1+	154 S1+
880-48024-16	S-3 (4.0')	147 S1+	156 S1+
880-48024-17	S-4 (0-1.0")	143 S1+	150 S1+
880-48024-18	S-4 (1.5')	134 S1+	135 S1+
880-48024-19	S-4 (2.0')	148 S1+	154 S1+
880-48024-20	S-4 (3.0')	136 S1+	144 S1+
880-48024-21	S-4 (4.0')	141 S1+	152 S1+
880-48024-22	S-4 (5.0')	151 S1+	165 S1+
880-48024-23	S-5 (0-1.0")	145 S1+	155 S1+
880-48024-24	S-5 (1.5')	143 S1+	149 S1+
880-48024-25	S-5 (2.0')	134 S1+	143 S1+
880-48024-26	S-5 (3.0')	133 S1+	141 S1+
880-48024-27	S-5 (4.0')	144 S1+	159 S1+
880-48024-27 MS	S-5 (4.0')	134 S1+	153 S1+
880-48024-27 MSD	S-5 (4.0')	152 S1+	173 S1+
880-48024-28	S-5 (5.0')	141 S1+	149 S1+
880-48024-29	S-6 (0-1.0")	167 S1+	175 S1+
880-48024-30	S-6 (1.5')	162 S1+	319 S1+
880-48024-31	S-6 (2.0')	151 S1+	156 S1+
880-48024-32	S-6 (3.0')	169 S1+	177 S1+
880-48024-33	S-6 (4.0')	182 S1+	196 S1+
880-48024-34	S-6 (5.0')	148 S1+	161 S1+
880-48024-35	S-6 (6.0')	141 S1+	150 S1+
880-48024-36	S-7 (0-1.0")	154 S1+	157 S1+
880-48024-37	S-7 (1.5')	151 S1+	155 S1+
880-48024-38	S-7 (2.0')	143 S1+	147 S1+
880-48024-39	S-7 (3.0')	140 S1+	148 S1+
880-48024-40	S-7 (4.0')	194 S1+	204 S1+
880-48024-41	S-7 (5.0')	151 S1+	159 S1+
880-48024-42	S-7 (6.0)	179 S1+	189 S1+
880-48024-43	S-8 (0-1.0")	145 S1+	151 S1+
880-48024-44	S-8 (1.5')	152 S1+	159 S1+

Surrogate Summary

Client: Carmona Resources
Job ID: 880-48024-1
Project/Site: NGL- Tie In
SDG: Lea 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)
880-48024-45	S-8 (2.0')	139 S1+	145 S1+
880-48024-46	S-8 (3.0')	142 S1+	153 S1+
880-48024-47	S-8 (4.0')	96	85
880-48024-47 MS	S-8 (4.0')	92	90
880-48024-47 MSD	S-8 (4.0')	85	89
880-48024-48	S-8 (5.0')	103	87
880-48024-49	S-9 (0-1.0")	98	84
880-48024-50	S-9 (1.5')	100	86
880-48024-51	S-9 (2.0')	99	86
880-48024-52	S-9 (3.0')	94	80
880-48024-53	S-9 (4.0')	98	85
880-48024-54	S-9 (5.0')	95	85
880-48024-55	S-10 (0-1.0")	91	78
880-48024-56	S-10 (1.5')	88	75
880-48024-57	S-10 (2.0')	93	79
880-48024-58	S-10 (3.0')	94	81
880-48024-59	S-10 (4.0')	96	82
880-48024-60	S-10 (5.0')	94	81
880-48024-61	S-11 (0-1.0")	96	82
880-48024-62	S-11 (1.5')	91	78
880-48024-63	S-11 (2.0')	89	76
880-48024-64	S-11 (3.0')	99	86
880-48024-65	S-11 (4.0')	95	83
880-48024-66	S-11 (5.0')	92	78
880-48024-67	S-12 (0-1.0")	112	131 S1+
880-48024-67 MS	S-12 (0-1.0")	109	106
880-48024-67 MSD	S-12 (0-1.0")	134 S1+	133 S1+
880-48024-68	S-12 (1.5')	145 S1+	164 S1+
880-48024-69	S-12 (2.0')	118	134 S1+
880-48024-70	S-12 (3.0')	117	133 S1+
880-48024-71	S-12 (4.0')	144 S1+	149 S1+
880-48024-71 MS	S-12 (4.0')	123	120
880-48024-71 MSD	S-12 (4.0')	121	120
880-48024-72	S-12 (4.5')	122	133 S1+
LCS 880-90030/2-A	Lab Control Sample	139 S1+	113
LCS 880-90032/2-A	Lab Control Sample	139 S1+	155 S1+
LCS 880-90033/2-A	Lab Control Sample	125	139 S1+
LCS 880-90035/2-A	Lab Control Sample	147 S1+	118
LCS 880-90037/2-A	Lab Control Sample	105	109
LCS 880-90116/2-A	Lab Control Sample	116	123
LCSD 880-90030/3-A	Lab Control Sample Dup	109	111
LCSD 880-90032/3-A	Lab Control Sample Dup	118	133 S1+
LCSD 880-90033/3-A	Lab Control Sample Dup	121	135 S1+
LCSD 880-90035/3-A	Lab Control Sample Dup	110	111
LCSD 880-90037/3-A	Lab Control Sample Dup	100	104
LCSD 880-90116/3-A	Lab Control Sample Dup	92	96
MB 880-90030/1-A	Method Blank	131 S1+	118
MB 880-90032/1-A	Method Blank	95	97
MB 880-90033/1-A	Method Blank	93	96
MB 880-90035/1-A	Method Blank	97	88

Surrogate Summary

Client: Carmona Resources
Job ID: 880-48024-1
Project/Site: NGL- Tie In
SDG: Lea County, New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
MB 880-90037/1-A	Method Blank	199 S1+	235 S1+								
MB 880-90116/1-A	Method Blank	210 S1+	245 S1+								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-89985/5-A
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 89985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/24 15:44	09/04/24 12:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/24 15:44	09/04/24 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*09/03/24 15:44*	*09/04/24 12:08*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/03/24 15:44*	*09/04/24 12:08*	*1*

Lab Sample ID: MB 880-90047/5-A
Matrix: Solid
Analysis Batch: 90118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90047

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:56	09/05/24 12:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 10:56	09/05/24 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:09*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/04/24 10:56*	*09/05/24 12:09*	*1*

Lab Sample ID: LCS 880-90047/1-A
Matrix: Solid
Analysis Batch: 90118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90047

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09331		mg/Kg		93	70 - 130
Toluene	0.100	0.09035		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09099		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1841		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09244		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-90047/2-A
Matrix: Solid
Analysis Batch: 90118

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90047

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1039		mg/Kg		104	70 - 130	11	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-90047/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90118 — **Prep Batch: 90047**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1008		mg/Kg		101	70 - 130	11	35
Ethylbenzene			0.100	0.1024		mg/Kg		102	70 - 130	12	35
m-Xylene & p-Xylene			0.200	0.2057		mg/Kg		103	70 - 130	11	35
o-Xylene			0.100	0.1021		mg/Kg		102	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-48024-1 MS — **Client Sample ID: S-1 (0-1.0")**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90118 — **Prep Batch: 90047**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.1054		mg/Kg		106	70 - 130
Toluene	<0.00200	U	0.0996	0.09952		mg/Kg		100	70 - 130
Ethylbenzene	<0.00200	U	0.0996	0.09671		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1902		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.0996	0.09562		mg/Kg		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-48024-1 MSD — **Client Sample ID: S-1 (0-1.0")**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90118 — **Prep Batch: 90047**

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	0.1066		mg/Kg		108	70 - 130	1	35
Toluene	<0.00200	U	0.0990	0.09937		mg/Kg		100	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0990	0.09483		mg/Kg		96	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1868		mg/Kg		94	70 - 130	2	35
o-Xylene	<0.00200	U	0.0990	0.09421		mg/Kg		95	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-90048/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90028 — **Prep Batch: 90048**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 22:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 22:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 11:00	09/04/24 22:48	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90048/5-A
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90048

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:00	09/04/24 22:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 11:00	09/04/24 22:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*09/04/24 11:00*	*09/04/24 22:48*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/04/24 11:00*	*09/04/24 22:48*	*1*

Lab Sample ID: LCS 880-90048/1-A
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90048

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09810		mg/Kg		98	70 - 130		
Toluene			0.100	0.08871		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.1029		mg/Kg		103	70 - 130		
m-Xylene & p-Xylene			0.200	0.1981		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09777		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-90048/2-A
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90048

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1057		mg/Kg		106	70 - 130	7	35
Toluene			0.100	0.1071		mg/Kg		107	70 - 130	19	35
Ethylbenzene			0.100	0.1183		mg/Kg		118	70 - 130	14	35
m-Xylene & p-Xylene			0.200	0.2303		mg/Kg		115	70 - 130	15	35
o-Xylene			0.100	0.1134		mg/Kg		113	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-48024-21 MS
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: S-4 (4.0')
Prep Type: Total/NA
Prep Batch: 90048

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.1092		mg/Kg		110	70 - 130		
Toluene	<0.00200	U	0.0996	0.1067		mg/Kg		107	70 - 130		
Ethylbenzene	<0.00200	U	0.0996	0.1218		mg/Kg		122	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.199	0.2364		mg/Kg		119	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.1155		mg/Kg		116	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-21 MS
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: S-4 (4.0')
Prep Type: Total/NA
Prep Batch: 90048

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-48024-21 MSD
Matrix: Solid
Analysis Batch: 90028

Client Sample ID: S-4 (4.0')
Prep Type: Total/NA
Prep Batch: 90048

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	0.1060		mg/Kg		107	70 - 130	3	35
Toluene	<0.00200	U	0.0990	0.1066		mg/Kg		108	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0990	0.1175		mg/Kg		119	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2261		mg/Kg		114	70 - 130	4	35
o-Xylene	<0.00200	U	0.0990	0.1102		mg/Kg		111	70 - 130	5	35

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

Lab Sample ID: MB 880-90050/5-A
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:03	09/05/24 12:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 11:03	09/05/24 12:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130	09/04/24 11:03	09/05/24 12:11	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/04/24 11:03	09/05/24 12:11	1

Lab Sample ID: LCS 880-90050/1-A
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1176		mg/Kg		118	70 - 130
Toluene	0.100	0.1056		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1312	*+	mg/Kg		131	70 - 130
m-Xylene & p-Xylene	0.200	0.2610	*+	mg/Kg		131	70 - 130
o-Xylene	0.100	0.1269		mg/Kg		127	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-90050/1-A
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90050

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

Lab Sample ID: LCSD 880-90050/2-A
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90050

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1187		mg/Kg		119	70 - 130	1	35
Toluene			0.100	0.1161		mg/Kg		116	70 - 130	9	35
Ethylbenzene			0.100	0.1292		mg/Kg		129	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2554		mg/Kg		128	70 - 130	2	35
o-Xylene			0.100	0.1249		mg/Kg		125	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-48024-41 MS
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: S-7 (5.0')
Prep Type: Total/NA
Prep Batch: 90050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.1005		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.0996	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U *+	0.0996	0.1083		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	<0.00401	U *+	0.199	0.2115		mg/Kg		106	70 - 130
o-Xylene	<0.00200	U	0.0996	0.1047		mg/Kg		105	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: 880-48024-41 MSD
Matrix: Solid
Analysis Batch: 90120

Client Sample ID: S-7 (5.0')
Prep Type: Total/NA
Prep Batch: 90050

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	0.07654		mg/Kg		77	70 - 130	27	35
Toluene	<0.00200	U	0.0990	0.08717		mg/Kg		88	70 - 130	15	35
Ethylbenzene	<0.00200	U *+	0.0990	0.09334		mg/Kg		94	70 - 130	15	35
m-Xylene & p-Xylene	<0.00401	U *+	0.198	0.1752		mg/Kg		88	70 - 130	19	35
o-Xylene	<0.00200	U	0.0990	0.08786		mg/Kg		89	70 - 130	17	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90051/5-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90051

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 11:11	09/05/24 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*09/04/24 11:11*	*09/05/24 11:58*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/04/24 11:11*	*09/05/24 11:58*	*1*

Lab Sample ID: LCS 880-90051/1-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90051

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08287		mg/Kg		83	70 - 130		
Toluene			0.100	0.07344		mg/Kg		73	70 - 130		
Ethylbenzene			0.100	0.07934		mg/Kg		79	70 - 130		
m-Xylene & p-Xylene			0.200	0.1597		mg/Kg		80	70 - 130		
o-Xylene			0.100	0.08168		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-90051/2-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90051

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08668		mg/Kg		87	70 - 130	4	35
Toluene			0.100	0.07701		mg/Kg		77	70 - 130	5	35
Ethylbenzene			0.100	0.08378		mg/Kg		84	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1681		mg/Kg		84	70 - 130	5	35
o-Xylene			0.100	0.08523		mg/Kg		85	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-48024-61 MS
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: S-11 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.09371		mg/Kg		94	70 - 130		
Toluene	<0.00200	U	0.0996	0.08159		mg/Kg		82	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-61 MS
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: S-11 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.08682		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1713		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.0996	0.08692		mg/Kg		87	70 - 130

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

Lab Sample ID: 880-48024-61 MSD
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: S-11 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90051

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	0.09903		mg/Kg		100	70 - 130	6	35
Toluene	<0.00200	U	0.0990	0.08506		mg/Kg		86	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0990	0.09009		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1771		mg/Kg		89	70 - 130	3	35
o-Xylene	<0.00200	U	0.0990	0.08983		mg/Kg		91	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MB 880-90030/1-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 06:41*	*1*
o-Terphenyl	*118*		*70 - 130*	*09/04/24 09:11*	*09/05/24 06:41*	*1*

Lab Sample ID: LCS 880-90030/2-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1159		mg/Kg		116	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-90030/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90113 — **Prep Batch: 90030**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics (Over C10-C28)			1000	985.1		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*113*		*70 - 130*

Lab Sample ID: LCSD 880-90030/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90113 — **Prep Batch: 90030**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1174		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1060		mg/Kg		106	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: 880-48023-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90113 — **Prep Batch: 90030**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	1092		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	998	1077		mg/Kg		108	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*123*		*70 - 130*
o-Terphenyl	*125*		*70 - 130*

Lab Sample ID: 880-48023-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90113 — **Prep Batch: 90030**

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	<49.7	U	998	1106		mg/Kg		111	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	998	1005		mg/Kg		101	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*149*	*S1+*	*70 - 130*
o-Terphenyl	*119*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90032/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90114 — **Prep Batch: 90032**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 06:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 06:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 06:57	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:15	09/05/24 06:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*09/04/24 09:15*	*09/05/24 06:57*	*1*
o-Terphenyl	*97*		*70 - 130*	*09/04/24 09:15*	*09/05/24 06:57*	*1*

Lab Sample ID: LCS 880-90032/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90114 — **Prep Batch: 90032**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1154		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1204		mg/Kg		120	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*155*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-90032/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90114 — **Prep Batch: 90032**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	971.9		mg/Kg		97	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	1011		mg/Kg		101	70 - 130	17	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*118*		*70 - 130*
o-Terphenyl	*133*	*S1+*	*70 - 130*

Lab Sample ID: 880-48024-7 MS — **Client Sample ID: S-2 (1.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90114 — **Prep Batch: 90032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1217		mg/Kg		122	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1294		mg/Kg		126	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-7 MS
Matrix: Solid
Analysis Batch: 90114

Client Sample ID: S-2 (1.5')
Prep Type: Total/NA
Prep Batch: 90032

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	140	S1+	70 - 130
o-Terphenyl	157	S1+	70 - 130

Lab Sample ID: 880-48024-7 MSD
Matrix: Solid
Analysis Batch: 90114

Client Sample ID: S-2 (1.5')
Prep Type: Total/NA
Prep Batch: 90032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1218		mg/Kg		122	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1261		mg/Kg		122	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	138	S1+	70 - 130
o-Terphenyl	154	S1+	70 - 130

Lab Sample ID: MB 880-90033/1-A
Matrix: Solid
Analysis Batch: 90177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 11:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 11:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 11:05	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:22	09/06/24 11:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	09/04/24 09:22	09/06/24 11:05	1
o-Terphenyl	96		70 - 130	09/04/24 09:22	09/06/24 11:05	1

Lab Sample ID: LCS 880-90033/2-A
Matrix: Solid
Analysis Batch: 90177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90033

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1024		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1063		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	139	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-90033/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90177 — **Prep Batch: 90033**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	992.5		mg/Kg		99	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1009		mg/Kg		101	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*121*		*70 - 130*
o-Terphenyl	*135*	*S1+*	*70 - 130*

Lab Sample ID: 880-48024-27 MS — **Client Sample ID: S-5 (4.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90177 — **Prep Batch: 90033**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	999	1152		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1179		mg/Kg		118	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*134*	*S1+*	*70 - 130*
o-Terphenyl	*153*	*S1+*	*70 - 130*

Lab Sample ID: 880-48024-27 MSD — **Client Sample ID: S-5 (4.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90177 — **Prep Batch: 90033**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	999	1332	F1	mg/Kg		133	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1281		mg/Kg		128	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*152*	*S1+*	*70 - 130*
o-Terphenyl	*173*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-90035/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90175 — **Prep Batch: 90035**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:10	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:28	09/07/24 00:10	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90035/1-A
Matrix: Solid
Analysis Batch: 90175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90035

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	09/04/24 09:28	09/07/24 00:10	1
o-Terphenyl	88		70 - 130	09/04/24 09:28	09/07/24 00:10	1

Lab Sample ID: LCS 880-90035/2-A
Matrix: Solid
Analysis Batch: 90175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90035

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1235		mg/Kg		123	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1063		mg/Kg		106	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	147	S1+	70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-90035/3-A
Matrix: Solid
Analysis Batch: 90175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90035

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1194		mg/Kg		119	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1070		mg/Kg		107	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-48024-47 MS
Matrix: Solid
Analysis Batch: 90175

Client Sample ID: S-8 (4.0')
Prep Type: Total/NA
Prep Batch: 90035

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1155		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1017		mg/Kg		102	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	90		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-47 MSD — **Client Sample ID: S-8 (4.0')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90175 — **Prep Batch: 90035**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1159		mg/Kg		116	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1039		mg/Kg		104	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*85*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Lab Sample ID: MB 880-90037/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90107 — **Prep Batch: 90037**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 08:00	09/05/24 08:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 08:00	09/05/24 08:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 08:00	09/05/24 08:50	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 08:00	09/05/24 08:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*199*	*S1+*	*70 - 130*	*09/04/24 08:00*	*09/05/24 08:50*	*1*
o-Terphenyl	*235*	*S1+*	*70 - 130*	*09/04/24 08:00*	*09/05/24 08:50*	*1*

Lab Sample ID: LCS 880-90037/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90107 — **Prep Batch: 90037**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1202		mg/Kg		120	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1032		mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*109*		*70 - 130*

Lab Sample ID: LCSD 880-90037/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 90107 — **Prep Batch: 90037**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	880.2	*1	mg/Kg		88	70 - 130	31	20
Diesel Range Organics (Over C10-C28)	1000	1117		mg/Kg		112	70 - 130	8	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-90037/3-A
Matrix: Solid
Analysis Batch: 90107

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90037

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-48024-67 MS
Matrix: Solid
Analysis Batch: 90107

Client Sample ID: S-12 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90037

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2 *1	999	1014		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	999	1129		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: 880-48024-67 MSD
Matrix: Solid
Analysis Batch: 90107

Client Sample ID: S-12 (0-1.0")
Prep Type: Total/NA
Prep Batch: 90037

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 F2 *1	999	1247	F2	mg/Kg		122	70 - 130	21	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	999	1461	F1 F2	mg/Kg		142	70 - 130	26	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	134	S1+	70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: MB 880-90116/1-A
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90116

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/05/24 08:00	09/05/24 08:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/05/24 08:00	09/05/24 08:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/05/24 08:00	09/05/24 08:50	1
Total TPH	<50.0	U	50.0		mg/Kg		09/05/24 08:00	09/05/24 08:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	210	S1+	70 - 130	09/05/24 08:00	09/05/24 08:50	1
o-Terphenyl	245	S1+	70 - 130	09/05/24 08:00	09/05/24 08:50	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-90116/2-A
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90116

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1046		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1072		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*116*		*70 - 130*
o-Terphenyl	*123*		*70 - 130*

Lab Sample ID: LCSD 880-90116/3-A
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90116

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	857.4		mg/Kg		86	70 - 130	20	20
Diesel Range Organics (Over C10-C28)			1000	834.1	*1	mg/Kg		83	70 - 130	25	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: 880-48024-71 MS
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: S-12 (4.0')
Prep Type: Total/NA
Prep Batch: 90116

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1092		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *1	1000	1130		mg/Kg		110	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*123*		*70 - 130*
o-Terphenyl	*120*		*70 - 130*

Lab Sample ID: 880-48024-71 MSD
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: S-12 (4.0')
Prep Type: Total/NA
Prep Batch: 90116

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1073		mg/Kg		107	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	1000	1115		mg/Kg		109	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*121*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-71 MSD
Matrix: Solid
Analysis Batch: 90109

Client Sample ID: S-12 (4.0')
Prep Type: Total/NA
Prep Batch: 90116

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	120		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-90039/1-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 18:52	1

Lab Sample ID: LCS 880-90039/2-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	247.3		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-90039/3-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-48024-5 MS
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: S-1 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5940	F1	2510	9705	F1	mg/Kg		150	90 - 110		

Lab Sample ID: 880-48024-5 MSD
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: S-1 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5940	F1	2510	9713	F1	mg/Kg		150	90 - 110	0	20

Lab Sample ID: MB 880-90040/1-A
Matrix: Solid
Analysis Batch: 90083

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 10:43	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-90040/2-A
Matrix: Solid
Analysis Batch: 90083

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.9		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-90040/3-A
Matrix: Solid
Analysis Batch: 90083

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	243.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-48024-15 MS
Matrix: Solid
Analysis Batch: 90083

Client Sample ID: S-3 (3.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4540	F1	2520	7827	F1	mg/Kg		131	90 - 110		

Lab Sample ID: 880-48024-15 MSD
Matrix: Solid
Analysis Batch: 90083

Client Sample ID: S-3 (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	4540	F1	2520	7837	F1	mg/Kg		131	90 - 110	0	20

Lab Sample ID: 880-48024-25 MS
Matrix: Solid
Analysis Batch: 90083

Client Sample ID: S-5 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1790	F1	1250	3361	F1	mg/Kg		126	90 - 110		

Lab Sample ID: 880-48024-25 MSD
Matrix: Solid
Analysis Batch: 90083

Client Sample ID: S-5 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1790	F1	1250	3364	F1	mg/Kg		127	90 - 110	0	20

Lab Sample ID: MB 880-90041/1-A
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 17:40	1

Lab Sample ID: LCS 880-90041/2-A
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.7		mg/Kg		98	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-90041/3-A
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	246.5		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-48024-35 MS
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: S-6 (6.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2670	F1	1260	4586	F1	mg/Kg		153	90 - 110		

Lab Sample ID: 880-48024-35 MSD
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: S-6 (6.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2670	F1	1260	4571	F1	mg/Kg		152	90 - 110	0	20

Lab Sample ID: 880-48024-45 MS
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: S-8 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1200	F1	1250	2913	F1	mg/Kg		137	90 - 110		

Lab Sample ID: 880-48024-45 MSD
Matrix: Solid
Analysis Batch: 90090

Client Sample ID: S-8 (2.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1200	F1	1250	2918	F1	mg/Kg		138	90 - 110	0	20

Lab Sample ID: MB 880-90042/1-A
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/07/24 05:47	1

Lab Sample ID: LCS 880-90042/2-A
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	254.5		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-90042/3-A
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.4		mg/Kg		101	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-48024-55 MS
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: S-10 (0-1.0")
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2200	F1	1240	3876	F1	mg/Kg		135	90 - 110		

Lab Sample ID: 880-48024-55 MSD
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: S-10 (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	2200	F1	1240	3879	F1	mg/Kg		136	90 - 110	0	20

Lab Sample ID: 880-48024-65 MS
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: S-11 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5430	F1	2490	8426	F1	mg/Kg		120	90 - 110		

Lab Sample ID: 880-48024-65 MSD
Matrix: Solid
Analysis Batch: 90110

Client Sample ID: S-11 (4.0')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5430	F1	2490	8420	F1	mg/Kg		120	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 89985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-89985/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 90028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-21	S-4 (4.0')	Total/NA	Solid	8021B	90048
880-48024-22	S-4 (5.0')	Total/NA	Solid	8021B	90048
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	8021B	90048
880-48024-24	S-5 (1.5')	Total/NA	Solid	8021B	90048
880-48024-25	S-5 (2.0')	Total/NA	Solid	8021B	90048
880-48024-26	S-5 (3.0')	Total/NA	Solid	8021B	90048
880-48024-27	S-5 (4.0')	Total/NA	Solid	8021B	90048
880-48024-28	S-5 (5.0')	Total/NA	Solid	8021B	90048
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	8021B	90048
880-48024-30	S-6 (1.5')	Total/NA	Solid	8021B	90048
880-48024-31	S-6 (2.0')	Total/NA	Solid	8021B	90048
880-48024-32	S-6 (3.0')	Total/NA	Solid	8021B	90048
880-48024-33	S-6 (4.0')	Total/NA	Solid	8021B	90048
880-48024-34	S-6 (5.0')	Total/NA	Solid	8021B	90048
880-48024-35	S-6 (6.0')	Total/NA	Solid	8021B	90048
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	8021B	90048
880-48024-37	S-7 (1.5')	Total/NA	Solid	8021B	90048
880-48024-38	S-7 (2.0')	Total/NA	Solid	8021B	90048
880-48024-39	S-7 (3.0')	Total/NA	Solid	8021B	90048
880-48024-40	S-7 (4.0')	Total/NA	Solid	8021B	90048
MB 880-89985/5-A	Method Blank	Total/NA	Solid	8021B	89985
MB 880-90048/5-A	Method Blank	Total/NA	Solid	8021B	90048
LCS 880-90048/1-A	Lab Control Sample	Total/NA	Solid	8021B	90048
LCSD 880-90048/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90048
880-48024-21 MS	S-4 (4.0')	Total/NA	Solid	8021B	90048
880-48024-21 MSD	S-4 (4.0')	Total/NA	Solid	8021B	90048

Prep Batch: 90047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	5035	
880-48024-2	S-1 (1.5')	Total/NA	Solid	5035	
880-48024-3	S-1 (2.0')	Total/NA	Solid	5035	
880-48024-4	S-1 (3.0')	Total/NA	Solid	5035	
880-48024-5	S-1 (4.0')	Total/NA	Solid	5035	
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	5035	
880-48024-7	S-2 (1.5')	Total/NA	Solid	5035	
880-48024-8	S-2 (2.0')	Total/NA	Solid	5035	
880-48024-9	S-2 (3.0')	Total/NA	Solid	5035	
880-48024-10	S-2 (4.0')	Total/NA	Solid	5035	
880-48024-11	S-2 (4.5')	Total/NA	Solid	5035	
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	5035	
880-48024-13	S-3 (1.5')	Total/NA	Solid	5035	
880-48024-14	S-3 (2.0')	Total/NA	Solid	5035	
880-48024-15	S-3 (3.0')	Total/NA	Solid	5035	
880-48024-16	S-3 (4.0')	Total/NA	Solid	5035	
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	5035	
880-48024-18	S-4 (1.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 90047 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-19	S-4 (2.0')	Total/NA	Solid	5035	
880-48024-20	S-4 (3.0')	Total/NA	Solid	5035	
MB 880-90047/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90047/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90047/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-1 MS	S-1 (0-1.0")	Total/NA	Solid	5035	
880-48024-1 MSD	S-1 (0-1.0")	Total/NA	Solid	5035	

Prep Batch: 90048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-21	S-4 (4.0')	Total/NA	Solid	5035	
880-48024-22	S-4 (5.0')	Total/NA	Solid	5035	
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	5035	
880-48024-24	S-5 (1.5')	Total/NA	Solid	5035	
880-48024-25	S-5 (2.0')	Total/NA	Solid	5035	
880-48024-26	S-5 (3.0')	Total/NA	Solid	5035	
880-48024-27	S-5 (4.0')	Total/NA	Solid	5035	
880-48024-28	S-5 (5.0')	Total/NA	Solid	5035	
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	5035	
880-48024-30	S-6 (1.5')	Total/NA	Solid	5035	
880-48024-31	S-6 (2.0')	Total/NA	Solid	5035	
880-48024-32	S-6 (3.0')	Total/NA	Solid	5035	
880-48024-33	S-6 (4.0')	Total/NA	Solid	5035	
880-48024-34	S-6 (5.0')	Total/NA	Solid	5035	
880-48024-35	S-6 (6.0')	Total/NA	Solid	5035	
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	5035	
880-48024-37	S-7 (1.5')	Total/NA	Solid	5035	
880-48024-38	S-7 (2.0')	Total/NA	Solid	5035	
880-48024-39	S-7 (3.0')	Total/NA	Solid	5035	
880-48024-40	S-7 (4.0')	Total/NA	Solid	5035	
MB 880-90048/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90048/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90048/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-21 MS	S-4 (4.0')	Total/NA	Solid	5035	
880-48024-21 MSD	S-4 (4.0')	Total/NA	Solid	5035	

Prep Batch: 90050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-41	S-7 (5.0')	Total/NA	Solid	5035	
880-48024-42	S-7 (6.0)	Total/NA	Solid	5035	
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	5035	
880-48024-44	S-8 (1.5')	Total/NA	Solid	5035	
880-48024-45	S-8 (2.0')	Total/NA	Solid	5035	
880-48024-46	S-8 (3.0')	Total/NA	Solid	5035	
880-48024-47	S-8 (4.0')	Total/NA	Solid	5035	
880-48024-48	S-8 (5.0')	Total/NA	Solid	5035	
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	5035	
880-48024-50	S-9 (1.5')	Total/NA	Solid	5035	
880-48024-51	S-9 (2.0')	Total/NA	Solid	5035	
880-48024-52	S-9 (3.0')	Total/NA	Solid	5035	
880-48024-53	S-9 (4.0')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 90050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-54	S-9 (5.0')	Total/NA	Solid	5035	
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	5035	
880-48024-56	S-10 (1.5')	Total/NA	Solid	5035	
880-48024-57	S-10 (2.0')	Total/NA	Solid	5035	
880-48024-58	S-10 (3.0')	Total/NA	Solid	5035	
880-48024-59	S-10 (4.0')	Total/NA	Solid	5035	
880-48024-60	S-10 (5.0')	Total/NA	Solid	5035	
MB 880-90050/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90050/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90050/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-41 MS	S-7 (5.0')	Total/NA	Solid	5035	
880-48024-41 MSD	S-7 (5.0')	Total/NA	Solid	5035	

Prep Batch: 90051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	5035	
880-48024-62	S-11 (1.5')	Total/NA	Solid	5035	
880-48024-63	S-11 (2.0')	Total/NA	Solid	5035	
880-48024-64	S-11 (3.0')	Total/NA	Solid	5035	
880-48024-65	S-11 (4.0')	Total/NA	Solid	5035	
880-48024-66	S-11 (5.0')	Total/NA	Solid	5035	
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	5035	
880-48024-68	S-12 (1.5')	Total/NA	Solid	5035	
880-48024-69	S-12 (2.0')	Total/NA	Solid	5035	
880-48024-70	S-12 (3.0')	Total/NA	Solid	5035	
880-48024-71	S-12 (4.0')	Total/NA	Solid	5035	
880-48024-72	S-12 (4.5')	Total/NA	Solid	5035	
MB 880-90051/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90051/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90051/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-61 MS	S-11 (0-1.0")	Total/NA	Solid	5035	
880-48024-61 MSD	S-11 (0-1.0")	Total/NA	Solid	5035	

Analysis Batch: 90117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	8021B	90051
880-48024-62	S-11 (1.5')	Total/NA	Solid	8021B	90051
880-48024-63	S-11 (2.0')	Total/NA	Solid	8021B	90051
880-48024-64	S-11 (3.0')	Total/NA	Solid	8021B	90051
880-48024-65	S-11 (4.0')	Total/NA	Solid	8021B	90051
880-48024-66	S-11 (5.0')	Total/NA	Solid	8021B	90051
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	8021B	90051
880-48024-68	S-12 (1.5')	Total/NA	Solid	8021B	90051
880-48024-69	S-12 (2.0')	Total/NA	Solid	8021B	90051
880-48024-70	S-12 (3.0')	Total/NA	Solid	8021B	90051
880-48024-71	S-12 (4.0')	Total/NA	Solid	8021B	90051
880-48024-72	S-12 (4.5')	Total/NA	Solid	8021B	90051
MB 880-90051/5-A	Method Blank	Total/NA	Solid	8021B	90051
LCS 880-90051/1-A	Lab Control Sample	Total/NA	Solid	8021B	90051
LCSD 880-90051/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90051
880-48024-61 MS	S-11 (0-1.0")	Total/NA	Solid	8021B	90051

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 90117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-61 MSD	S-11 (0-1.0")	Total/NA	Solid	8021B	90051

Analysis Batch: 90118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-2	S-1 (1.5')	Total/NA	Solid	8021B	90047
880-48024-3	S-1 (2.0')	Total/NA	Solid	8021B	90047
880-48024-4	S-1 (3.0')	Total/NA	Solid	8021B	90047
880-48024-5	S-1 (4.0')	Total/NA	Solid	8021B	90047
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-7	S-2 (1.5')	Total/NA	Solid	8021B	90047
880-48024-8	S-2 (2.0')	Total/NA	Solid	8021B	90047
880-48024-9	S-2 (3.0')	Total/NA	Solid	8021B	90047
880-48024-10	S-2 (4.0')	Total/NA	Solid	8021B	90047
880-48024-11	S-2 (4.5')	Total/NA	Solid	8021B	90047
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-13	S-3 (1.5')	Total/NA	Solid	8021B	90047
880-48024-14	S-3 (2.0')	Total/NA	Solid	8021B	90047
880-48024-15	S-3 (3.0')	Total/NA	Solid	8021B	90047
880-48024-16	S-3 (4.0')	Total/NA	Solid	8021B	90047
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-18	S-4 (1.5')	Total/NA	Solid	8021B	90047
880-48024-19	S-4 (2.0')	Total/NA	Solid	8021B	90047
880-48024-20	S-4 (3.0')	Total/NA	Solid	8021B	90047
MB 880-90047/5-A	Method Blank	Total/NA	Solid	8021B	90047
LCS 880-90047/1-A	Lab Control Sample	Total/NA	Solid	8021B	90047
LCSD 880-90047/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90047
880-48024-1 MS	S-1 (0-1.0")	Total/NA	Solid	8021B	90047
880-48024-1 MSD	S-1 (0-1.0")	Total/NA	Solid	8021B	90047

Analysis Batch: 90120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-41	S-7 (5.0')	Total/NA	Solid	8021B	90050
880-48024-42	S-7 (6.0)	Total/NA	Solid	8021B	90050
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	8021B	90050
880-48024-44	S-8 (1.5')	Total/NA	Solid	8021B	90050
880-48024-45	S-8 (2.0')	Total/NA	Solid	8021B	90050
880-48024-46	S-8 (3.0')	Total/NA	Solid	8021B	90050
880-48024-47	S-8 (4.0')	Total/NA	Solid	8021B	90050
880-48024-48	S-8 (5.0')	Total/NA	Solid	8021B	90050
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	8021B	90050
880-48024-50	S-9 (1.5')	Total/NA	Solid	8021B	90050
880-48024-51	S-9 (2.0')	Total/NA	Solid	8021B	90050
880-48024-52	S-9 (3.0')	Total/NA	Solid	8021B	90050
880-48024-53	S-9 (4.0')	Total/NA	Solid	8021B	90050
880-48024-54	S-9 (5.0')	Total/NA	Solid	8021B	90050
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	8021B	90050
880-48024-56	S-10 (1.5')	Total/NA	Solid	8021B	90050
880-48024-57	S-10 (2.0')	Total/NA	Solid	8021B	90050
880-48024-58	S-10 (3.0')	Total/NA	Solid	8021B	90050
880-48024-59	S-10 (4.0')	Total/NA	Solid	8021B	90050

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 90120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-60	S-10 (5.0')	Total/NA	Solid	8021B	90050
MB 880-90050/5-A	Method Blank	Total/NA	Solid	8021B	90050
LCS 880-90050/1-A	Lab Control Sample	Total/NA	Solid	8021B	90050
LCSD 880-90050/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90050
880-48024-41 MS	S-7 (5.0')	Total/NA	Solid	8021B	90050
880-48024-41 MSD	S-7 (5.0')	Total/NA	Solid	8021B	90050

Analysis Batch: 90142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-3	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-4	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-5	S-1 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-7	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-8	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-9	S-2 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-10	S-2 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-11	S-2 (4.5')	Total/NA	Solid	Total BTEX	
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-13	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-14	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-15	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-16	S-3 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-18	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-19	S-4 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-20	S-4 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-21	S-4 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-22	S-4 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-24	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-25	S-5 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-26	S-5 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-27	S-5 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-28	S-5 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-30	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-31	S-6 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-32	S-6 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-33	S-6 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-34	S-6 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-35	S-6 (6.0')	Total/NA	Solid	Total BTEX	
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-37	S-7 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-38	S-7 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-39	S-7 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-40	S-7 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-41	S-7 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-42	S-7 (6.0)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 90142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-44	S-8 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-45	S-8 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-46	S-8 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-47	S-8 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-48	S-8 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-50	S-9 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-51	S-9 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-52	S-9 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-53	S-9 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-54	S-9 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-56	S-10 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-57	S-10 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-58	S-10 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-59	S-10 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-60	S-10 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-62	S-11 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-63	S-11 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-64	S-11 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-65	S-11 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-66	S-11 (5.0')	Total/NA	Solid	Total BTEX	
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	Total BTEX	
880-48024-68	S-12 (1.5')	Total/NA	Solid	Total BTEX	
880-48024-69	S-12 (2.0')	Total/NA	Solid	Total BTEX	
880-48024-70	S-12 (3.0')	Total/NA	Solid	Total BTEX	
880-48024-71	S-12 (4.0')	Total/NA	Solid	Total BTEX	
880-48024-72	S-12 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 90030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-3	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-4	S-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-5	S-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	8015NM Prep	
MB 880-90030/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90030/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48023-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-48023-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 90032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-7	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-8	S-2 (2.0')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 90032 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-9	S-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-10	S-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-11	S-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-13	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-14	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-15	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-16	S-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-18	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-19	S-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-20	S-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-21	S-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-22	S-4 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-24	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-25	S-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-26	S-5 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-90032/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90032/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-7 MS	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-7 MSD	S-2 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 90033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-27	S-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-28	S-5 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-30	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-31	S-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-32	S-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-33	S-6 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-34	S-6 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-35	S-6 (6.0')	Total/NA	Solid	8015NM Prep	
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-37	S-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-38	S-7 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-39	S-7 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-40	S-7 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-41	S-7 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-42	S-7 (6.0)	Total/NA	Solid	8015NM Prep	
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-44	S-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-45	S-8 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-46	S-8 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-90033/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90033/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90033/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-27 MS	S-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-27 MSD	S-5 (4.0')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 90035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-47	S-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-48	S-8 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-50	S-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-51	S-9 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-52	S-9 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-53	S-9 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-54	S-9 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-56	S-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-57	S-10 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-58	S-10 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-59	S-10 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-60	S-10 (5.0')	Total/NA	Solid	8015NM Prep	
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-62	S-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-63	S-11 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-64	S-11 (3.0')	Total/NA	Solid	8015NM Prep	
880-48024-65	S-11 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-66	S-11 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-90035/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90035/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90035/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-47 MS	S-8 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-47 MSD	S-8 (4.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 90037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-68	S-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-48024-69	S-12 (2.0')	Total/NA	Solid	8015NM Prep	
880-48024-70	S-12 (3.0')	Total/NA	Solid	8015NM Prep	
MB 880-90037/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90037/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90037/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-67 MS	S-12 (0-1.0")	Total/NA	Solid	8015NM Prep	
880-48024-67 MSD	S-12 (0-1.0")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	8015B NM	90037
880-48024-68	S-12 (1.5')	Total/NA	Solid	8015B NM	90037
880-48024-69	S-12 (2.0')	Total/NA	Solid	8015B NM	90037
880-48024-70	S-12 (3.0')	Total/NA	Solid	8015B NM	90037
MB 880-90037/1-A	Method Blank	Total/NA	Solid	8015B NM	90037
LCS 880-90037/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90037
LCSD 880-90037/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90037
880-48024-67 MS	S-12 (0-1.0")	Total/NA	Solid	8015B NM	90037
880-48024-67 MSD	S-12 (0-1.0")	Total/NA	Solid	8015B NM	90037

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 90109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-71	S-12 (4.0')	Total/NA	Solid	8015B NM	90116
880-48024-72	S-12 (4.5')	Total/NA	Solid	8015B NM	90116
MB 880-90116/1-A	Method Blank	Total/NA	Solid	8015B NM	90116
LCS 880-90116/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90116
LCSD 880-90116/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90116
880-48024-71 MS	S-12 (4.0')	Total/NA	Solid	8015B NM	90116
880-48024-71 MSD	S-12 (4.0')	Total/NA	Solid	8015B NM	90116

Analysis Batch: 90113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	8015B NM	90030
880-48024-2	S-1 (1.5')	Total/NA	Solid	8015B NM	90030
880-48024-3	S-1 (2.0')	Total/NA	Solid	8015B NM	90030
880-48024-4	S-1 (3.0')	Total/NA	Solid	8015B NM	90030
880-48024-5	S-1 (4.0')	Total/NA	Solid	8015B NM	90030
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	8015B NM	90030
MB 880-90030/1-A	Method Blank	Total/NA	Solid	8015B NM	90030
LCS 880-90030/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90030
LCSD 880-90030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90030
880-48023-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	90030
880-48023-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	90030

Analysis Batch: 90114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-7	S-2 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-8	S-2 (2.0')	Total/NA	Solid	8015B NM	90032
880-48024-9	S-2 (3.0')	Total/NA	Solid	8015B NM	90032
880-48024-10	S-2 (4.0')	Total/NA	Solid	8015B NM	90032
880-48024-11	S-2 (4.5')	Total/NA	Solid	8015B NM	90032
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	8015B NM	90032
880-48024-13	S-3 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-14	S-3 (2.0')	Total/NA	Solid	8015B NM	90032
880-48024-15	S-3 (3.0')	Total/NA	Solid	8015B NM	90032
880-48024-16	S-3 (4.0')	Total/NA	Solid	8015B NM	90032
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	8015B NM	90032
880-48024-18	S-4 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-19	S-4 (2.0')	Total/NA	Solid	8015B NM	90032
880-48024-20	S-4 (3.0')	Total/NA	Solid	8015B NM	90032
880-48024-21	S-4 (4.0')	Total/NA	Solid	8015B NM	90032
880-48024-22	S-4 (5.0')	Total/NA	Solid	8015B NM	90032
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	8015B NM	90032
880-48024-24	S-5 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-25	S-5 (2.0')	Total/NA	Solid	8015B NM	90032
880-48024-26	S-5 (3.0')	Total/NA	Solid	8015B NM	90032
MB 880-90032/1-A	Method Blank	Total/NA	Solid	8015B NM	90032
LCS 880-90032/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90032
LCSD 880-90032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90032
880-48024-7 MS	S-2 (1.5')	Total/NA	Solid	8015B NM	90032
880-48024-7 MSD	S-2 (1.5')	Total/NA	Solid	8015B NM	90032

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 90116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-71	S-12 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-72	S-12 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-90116/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90116/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90116/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48024-71 MS	S-12 (4.0')	Total/NA	Solid	8015NM Prep	
880-48024-71 MSD	S-12 (4.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-48024-3	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-48024-4	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-48024-5	S-1 (4.0')	Total/NA	Solid	8015 NM	
880-48024-6	S-2 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-7	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-48024-8	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-48024-9	S-2 (3.0')	Total/NA	Solid	8015 NM	
880-48024-10	S-2 (4.0')	Total/NA	Solid	8015 NM	
880-48024-11	S-2 (4.5')	Total/NA	Solid	8015 NM	
880-48024-12	S-3 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-13	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-48024-14	S-3 (2.0')	Total/NA	Solid	8015 NM	
880-48024-15	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-48024-16	S-3 (4.0')	Total/NA	Solid	8015 NM	
880-48024-17	S-4 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-18	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-48024-19	S-4 (2.0')	Total/NA	Solid	8015 NM	
880-48024-20	S-4 (3.0')	Total/NA	Solid	8015 NM	
880-48024-21	S-4 (4.0')	Total/NA	Solid	8015 NM	
880-48024-22	S-4 (5.0')	Total/NA	Solid	8015 NM	
880-48024-23	S-5 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-24	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-48024-25	S-5 (2.0')	Total/NA	Solid	8015 NM	
880-48024-26	S-5 (3.0')	Total/NA	Solid	8015 NM	
880-48024-27	S-5 (4.0')	Total/NA	Solid	8015 NM	
880-48024-28	S-5 (5.0')	Total/NA	Solid	8015 NM	
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-30	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-48024-31	S-6 (2.0')	Total/NA	Solid	8015 NM	
880-48024-32	S-6 (3.0')	Total/NA	Solid	8015 NM	
880-48024-33	S-6 (4.0')	Total/NA	Solid	8015 NM	
880-48024-34	S-6 (5.0')	Total/NA	Solid	8015 NM	
880-48024-35	S-6 (6.0')	Total/NA	Solid	8015 NM	
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-37	S-7 (1.5')	Total/NA	Solid	8015 NM	
880-48024-38	S-7 (2.0')	Total/NA	Solid	8015 NM	
880-48024-39	S-7 (3.0')	Total/NA	Solid	8015 NM	
880-48024-40	S-7 (4.0')	Total/NA	Solid	8015 NM	
880-48024-41	S-7 (5.0')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 90155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-42	S-7 (6.0)	Total/NA	Solid	8015 NM	
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-44	S-8 (1.5')	Total/NA	Solid	8015 NM	
880-48024-45	S-8 (2.0')	Total/NA	Solid	8015 NM	
880-48024-46	S-8 (3.0')	Total/NA	Solid	8015 NM	
880-48024-47	S-8 (4.0')	Total/NA	Solid	8015 NM	
880-48024-48	S-8 (5.0')	Total/NA	Solid	8015 NM	
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-50	S-9 (1.5')	Total/NA	Solid	8015 NM	
880-48024-51	S-9 (2.0')	Total/NA	Solid	8015 NM	
880-48024-52	S-9 (3.0')	Total/NA	Solid	8015 NM	
880-48024-53	S-9 (4.0')	Total/NA	Solid	8015 NM	
880-48024-54	S-9 (5.0')	Total/NA	Solid	8015 NM	
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-56	S-10 (1.5')	Total/NA	Solid	8015 NM	
880-48024-57	S-10 (2.0')	Total/NA	Solid	8015 NM	
880-48024-58	S-10 (3.0')	Total/NA	Solid	8015 NM	
880-48024-59	S-10 (4.0')	Total/NA	Solid	8015 NM	
880-48024-60	S-10 (5.0')	Total/NA	Solid	8015 NM	
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-62	S-11 (1.5')	Total/NA	Solid	8015 NM	
880-48024-63	S-11 (2.0')	Total/NA	Solid	8015 NM	
880-48024-64	S-11 (3.0')	Total/NA	Solid	8015 NM	
880-48024-65	S-11 (4.0')	Total/NA	Solid	8015 NM	
880-48024-66	S-11 (5.0')	Total/NA	Solid	8015 NM	
880-48024-67	S-12 (0-1.0")	Total/NA	Solid	8015 NM	
880-48024-68	S-12 (1.5')	Total/NA	Solid	8015 NM	
880-48024-69	S-12 (2.0')	Total/NA	Solid	8015 NM	
880-48024-70	S-12 (3.0')	Total/NA	Solid	8015 NM	
880-48024-71	S-12 (4.0')	Total/NA	Solid	8015 NM	
880-48024-72	S-12 (4.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 90175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-47	S-8 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-48	S-8 (5.0')	Total/NA	Solid	8015B NM	90035
880-48024-49	S-9 (0-1.0")	Total/NA	Solid	8015B NM	90035
880-48024-50	S-9 (1.5')	Total/NA	Solid	8015B NM	90035
880-48024-51	S-9 (2.0')	Total/NA	Solid	8015B NM	90035
880-48024-52	S-9 (3.0')	Total/NA	Solid	8015B NM	90035
880-48024-53	S-9 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-54	S-9 (5.0')	Total/NA	Solid	8015B NM	90035
880-48024-55	S-10 (0-1.0")	Total/NA	Solid	8015B NM	90035
880-48024-56	S-10 (1.5')	Total/NA	Solid	8015B NM	90035
880-48024-57	S-10 (2.0')	Total/NA	Solid	8015B NM	90035
880-48024-58	S-10 (3.0')	Total/NA	Solid	8015B NM	90035
880-48024-59	S-10 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-60	S-10 (5.0')	Total/NA	Solid	8015B NM	90035
880-48024-61	S-11 (0-1.0")	Total/NA	Solid	8015B NM	90035
880-48024-62	S-11 (1.5')	Total/NA	Solid	8015B NM	90035
880-48024-63	S-11 (2.0')	Total/NA	Solid	8015B NM	90035

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 90175 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-64	S-11 (3.0')	Total/NA	Solid	8015B NM	90035
880-48024-65	S-11 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-66	S-11 (5.0')	Total/NA	Solid	8015B NM	90035
MB 880-90035/1-A	Method Blank	Total/NA	Solid	8015B NM	90035
LCS 880-90035/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90035
LCSD 880-90035/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90035
880-48024-47 MS	S-8 (4.0')	Total/NA	Solid	8015B NM	90035
880-48024-47 MSD	S-8 (4.0')	Total/NA	Solid	8015B NM	90035

Analysis Batch: 90177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-27	S-5 (4.0')	Total/NA	Solid	8015B NM	90033
880-48024-28	S-5 (5.0')	Total/NA	Solid	8015B NM	90033
880-48024-29	S-6 (0-1.0")	Total/NA	Solid	8015B NM	90033
880-48024-30	S-6 (1.5')	Total/NA	Solid	8015B NM	90033
880-48024-31	S-6 (2.0')	Total/NA	Solid	8015B NM	90033
880-48024-32	S-6 (3.0')	Total/NA	Solid	8015B NM	90033
880-48024-33	S-6 (4.0')	Total/NA	Solid	8015B NM	90033
880-48024-34	S-6 (5.0')	Total/NA	Solid	8015B NM	90033
880-48024-35	S-6 (6.0')	Total/NA	Solid	8015B NM	90033
880-48024-36	S-7 (0-1.0")	Total/NA	Solid	8015B NM	90033
880-48024-37	S-7 (1.5')	Total/NA	Solid	8015B NM	90033
880-48024-38	S-7 (2.0')	Total/NA	Solid	8015B NM	90033
880-48024-39	S-7 (3.0')	Total/NA	Solid	8015B NM	90033
880-48024-40	S-7 (4.0')	Total/NA	Solid	8015B NM	90033
880-48024-41	S-7 (5.0')	Total/NA	Solid	8015B NM	90033
880-48024-42	S-7 (6.0)	Total/NA	Solid	8015B NM	90033
880-48024-43	S-8 (0-1.0")	Total/NA	Solid	8015B NM	90033
880-48024-44	S-8 (1.5')	Total/NA	Solid	8015B NM	90033
880-48024-45	S-8 (2.0')	Total/NA	Solid	8015B NM	90033
880-48024-46	S-8 (3.0')	Total/NA	Solid	8015B NM	90033
MB 880-90033/1-A	Method Blank	Total/NA	Solid	8015B NM	90033
LCS 880-90033/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90033
LCSD 880-90033/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90033
880-48024-27 MS	S-5 (4.0')	Total/NA	Solid	8015B NM	90033
880-48024-27 MSD	S-5 (4.0')	Total/NA	Solid	8015B NM	90033

HPLC/IC

Leach Batch: 90039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-48024-3	S-1 (2.0')	Soluble	Solid	DI Leach	
880-48024-4	S-1 (3.0')	Soluble	Solid	DI Leach	
880-48024-5	S-1 (4.0')	Soluble	Solid	DI Leach	
880-48024-6	S-2 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-7	S-2 (1.5')	Soluble	Solid	DI Leach	
880-48024-8	S-2 (2.0')	Soluble	Solid	DI Leach	
880-48024-9	S-2 (3.0')	Soluble	Solid	DI Leach	
880-48024-10	S-2 (4.0')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 90039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-11	S-2 (4.5')	Soluble	Solid	DI Leach	
880-48024-12	S-3 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-13	S-3 (1.5')	Soluble	Solid	DI Leach	
880-48024-14	S-3 (2.0')	Soluble	Solid	DI Leach	
MB 880-90039/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90039/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90039/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48024-5 MS	S-1 (4.0')	Soluble	Solid	DI Leach	
880-48024-5 MSD	S-1 (4.0')	Soluble	Solid	DI Leach	

Leach Batch: 90040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-15	S-3 (3.0')	Soluble	Solid	DI Leach	
880-48024-16	S-3 (4.0')	Soluble	Solid	DI Leach	
880-48024-17	S-4 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-18	S-4 (1.5')	Soluble	Solid	DI Leach	
880-48024-19	S-4 (2.0')	Soluble	Solid	DI Leach	
880-48024-20	S-4 (3.0')	Soluble	Solid	DI Leach	
880-48024-21	S-4 (4.0')	Soluble	Solid	DI Leach	
880-48024-22	S-4 (5.0')	Soluble	Solid	DI Leach	
880-48024-23	S-5 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-24	S-5 (1.5')	Soluble	Solid	DI Leach	
880-48024-25	S-5 (2.0')	Soluble	Solid	DI Leach	
880-48024-26	S-5 (3.0')	Soluble	Solid	DI Leach	
880-48024-27	S-5 (4.0')	Soluble	Solid	DI Leach	
880-48024-28	S-5 (5.0')	Soluble	Solid	DI Leach	
880-48024-29	S-6 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-30	S-6 (1.5')	Soluble	Solid	DI Leach	
880-48024-31	S-6 (2.0')	Soluble	Solid	DI Leach	
880-48024-32	S-6 (3.0')	Soluble	Solid	DI Leach	
880-48024-33	S-6 (4.0')	Soluble	Solid	DI Leach	
880-48024-34	S-6 (5.0')	Soluble	Solid	DI Leach	
MB 880-90040/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90040/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90040/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48024-15 MS	S-3 (3.0')	Soluble	Solid	DI Leach	
880-48024-15 MSD	S-3 (3.0')	Soluble	Solid	DI Leach	
880-48024-25 MS	S-5 (2.0')	Soluble	Solid	DI Leach	
880-48024-25 MSD	S-5 (2.0')	Soluble	Solid	DI Leach	

Leach Batch: 90041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-35	S-6 (6.0')	Soluble	Solid	DI Leach	
880-48024-36	S-7 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-37	S-7 (1.5')	Soluble	Solid	DI Leach	
880-48024-38	S-7 (2.0')	Soluble	Solid	DI Leach	
880-48024-39	S-7 (3.0')	Soluble	Solid	DI Leach	
880-48024-40	S-7 (4.0')	Soluble	Solid	DI Leach	
880-48024-41	S-7 (5.0')	Soluble	Solid	DI Leach	
880-48024-42	S-7 (6.0)	Soluble	Solid	DI Leach	
880-48024-43	S-8 (0-1.0")	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 90041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-44	S-8 (1.5')	Soluble	Solid	DI Leach	
880-48024-45	S-8 (2.0')	Soluble	Solid	DI Leach	
880-48024-46	S-8 (3.0')	Soluble	Solid	DI Leach	
880-48024-47	S-8 (4.0')	Soluble	Solid	DI Leach	
880-48024-48	S-8 (5.0')	Soluble	Solid	DI Leach	
880-48024-49	S-9 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-50	S-9 (1.5')	Soluble	Solid	DI Leach	
880-48024-51	S-9 (2.0')	Soluble	Solid	DI Leach	
880-48024-52	S-9 (3.0')	Soluble	Solid	DI Leach	
880-48024-53	S-9 (4.0')	Soluble	Solid	DI Leach	
880-48024-54	S-9 (5.0')	Soluble	Solid	DI Leach	
MB 880-90041/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90041/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90041/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48024-35 MS	S-6 (6.0')	Soluble	Solid	DI Leach	
880-48024-35 MSD	S-6 (6.0')	Soluble	Solid	DI Leach	
880-48024-45 MS	S-8 (2.0')	Soluble	Solid	DI Leach	
880-48024-45 MSD	S-8 (2.0')	Soluble	Solid	DI Leach	

Leach Batch: 90042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-55	S-10 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-56	S-10 (1.5')	Soluble	Solid	DI Leach	
880-48024-57	S-10 (2.0')	Soluble	Solid	DI Leach	
880-48024-58	S-10 (3.0')	Soluble	Solid	DI Leach	
880-48024-59	S-10 (4.0')	Soluble	Solid	DI Leach	
880-48024-60	S-10 (5.0')	Soluble	Solid	DI Leach	
880-48024-61	S-11 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-62	S-11 (1.5')	Soluble	Solid	DI Leach	
880-48024-63	S-11 (2.0')	Soluble	Solid	DI Leach	
880-48024-64	S-11 (3.0')	Soluble	Solid	DI Leach	
880-48024-65	S-11 (4.0')	Soluble	Solid	DI Leach	
880-48024-66	S-11 (5.0')	Soluble	Solid	DI Leach	
880-48024-67	S-12 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-68	S-12 (1.5')	Soluble	Solid	DI Leach	
880-48024-69	S-12 (2.0')	Soluble	Solid	DI Leach	
880-48024-70	S-12 (3.0')	Soluble	Solid	DI Leach	
880-48024-71	S-12 (4.0')	Soluble	Solid	DI Leach	
880-48024-72	S-12 (4.5')	Soluble	Solid	DI Leach	
MB 880-90042/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90042/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90042/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48024-55 MS	S-10 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-55 MSD	S-10 (0-1.0")	Soluble	Solid	DI Leach	
880-48024-65 MS	S-11 (4.0')	Soluble	Solid	DI Leach	
880-48024-65 MSD	S-11 (4.0')	Soluble	Solid	DI Leach	

Analysis Batch: 90057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-1	S-1 (0-1.0")	Soluble	Solid	300.0	90039
880-48024-2	S-1 (1.5')	Soluble	Solid	300.0	90039

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 90057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-3	S-1 (2.0')	Soluble	Solid	300.0	90039
880-48024-4	S-1 (3.0')	Soluble	Solid	300.0	90039
880-48024-5	S-1 (4.0')	Soluble	Solid	300.0	90039
880-48024-6	S-2 (0-1.0")	Soluble	Solid	300.0	90039
880-48024-7	S-2 (1.5')	Soluble	Solid	300.0	90039
880-48024-8	S-2 (2.0')	Soluble	Solid	300.0	90039
880-48024-9	S-2 (3.0')	Soluble	Solid	300.0	90039
880-48024-10	S-2 (4.0')	Soluble	Solid	300.0	90039
880-48024-11	S-2 (4.5')	Soluble	Solid	300.0	90039
880-48024-12	S-3 (0-1.0")	Soluble	Solid	300.0	90039
880-48024-13	S-3 (1.5')	Soluble	Solid	300.0	90039
880-48024-14	S-3 (2.0')	Soluble	Solid	300.0	90039
MB 880-90039/1-A	Method Blank	Soluble	Solid	300.0	90039
LCS 880-90039/2-A	Lab Control Sample	Soluble	Solid	300.0	90039
LCSD 880-90039/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90039
880-48024-5 MS	S-1 (4.0')	Soluble	Solid	300.0	90039
880-48024-5 MSD	S-1 (4.0')	Soluble	Solid	300.0	90039

Analysis Batch: 90083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-15	S-3 (3.0')	Soluble	Solid	300.0	90040
880-48024-16	S-3 (4.0')	Soluble	Solid	300.0	90040
880-48024-17	S-4 (0-1.0")	Soluble	Solid	300.0	90040
880-48024-18	S-4 (1.5')	Soluble	Solid	300.0	90040
880-48024-19	S-4 (2.0')	Soluble	Solid	300.0	90040
880-48024-20	S-4 (3.0')	Soluble	Solid	300.0	90040
880-48024-21	S-4 (4.0')	Soluble	Solid	300.0	90040
880-48024-22	S-4 (5.0')	Soluble	Solid	300.0	90040
880-48024-23	S-5 (0-1.0")	Soluble	Solid	300.0	90040
880-48024-24	S-5 (1.5')	Soluble	Solid	300.0	90040
880-48024-25	S-5 (2.0')	Soluble	Solid	300.0	90040
880-48024-26	S-5 (3.0')	Soluble	Solid	300.0	90040
880-48024-27	S-5 (4.0')	Soluble	Solid	300.0	90040
880-48024-28	S-5 (5.0')	Soluble	Solid	300.0	90040
880-48024-29	S-6 (0-1.0")	Soluble	Solid	300.0	90040
880-48024-30	S-6 (1.5')	Soluble	Solid	300.0	90040
880-48024-31	S-6 (2.0')	Soluble	Solid	300.0	90040
880-48024-32	S-6 (3.0')	Soluble	Solid	300.0	90040
880-48024-33	S-6 (4.0')	Soluble	Solid	300.0	90040
880-48024-34	S-6 (5.0')	Soluble	Solid	300.0	90040
MB 880-90040/1-A	Method Blank	Soluble	Solid	300.0	90040
LCS 880-90040/2-A	Lab Control Sample	Soluble	Solid	300.0	90040
LCSD 880-90040/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90040
880-48024-15 MS	S-3 (3.0')	Soluble	Solid	300.0	90040
880-48024-15 MSD	S-3 (3.0')	Soluble	Solid	300.0	90040
880-48024-25 MS	S-5 (2.0')	Soluble	Solid	300.0	90040
880-48024-25 MSD	S-5 (2.0')	Soluble	Solid	300.0	90040

Analysis Batch: 90090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-35	S-6 (6.0')	Soluble	Solid	300.0	90041

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 90090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-36	S-7 (0-1.0")	Soluble	Solid	300.0	90041
880-48024-37	S-7 (1.5')	Soluble	Solid	300.0	90041
880-48024-38	S-7 (2.0')	Soluble	Solid	300.0	90041
880-48024-39	S-7 (3.0')	Soluble	Solid	300.0	90041
880-48024-40	S-7 (4.0')	Soluble	Solid	300.0	90041
880-48024-41	S-7 (5.0')	Soluble	Solid	300.0	90041
880-48024-42	S-7 (6.0)	Soluble	Solid	300.0	90041
880-48024-43	S-8 (0-1.0")	Soluble	Solid	300.0	90041
880-48024-44	S-8 (1.5')	Soluble	Solid	300.0	90041
880-48024-45	S-8 (2.0')	Soluble	Solid	300.0	90041
880-48024-46	S-8 (3.0')	Soluble	Solid	300.0	90041
880-48024-47	S-8 (4.0')	Soluble	Solid	300.0	90041
880-48024-48	S-8 (5.0')	Soluble	Solid	300.0	90041
880-48024-49	S-9 (0-1.0")	Soluble	Solid	300.0	90041
880-48024-50	S-9 (1.5')	Soluble	Solid	300.0	90041
880-48024-51	S-9 (2.0')	Soluble	Solid	300.0	90041
880-48024-52	S-9 (3.0')	Soluble	Solid	300.0	90041
880-48024-53	S-9 (4.0')	Soluble	Solid	300.0	90041
880-48024-54	S-9 (5.0')	Soluble	Solid	300.0	90041
MB 880-90041/1-A	Method Blank	Soluble	Solid	300.0	90041
LCS 880-90041/2-A	Lab Control Sample	Soluble	Solid	300.0	90041
LCSD 880-90041/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90041
880-48024-35 MS	S-6 (6.0')	Soluble	Solid	300.0	90041
880-48024-35 MSD	S-6 (6.0')	Soluble	Solid	300.0	90041
880-48024-45 MS	S-8 (2.0')	Soluble	Solid	300.0	90041
880-48024-45 MSD	S-8 (2.0')	Soluble	Solid	300.0	90041

Analysis Batch: 90110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-55	S-10 (0-1.0")	Soluble	Solid	300.0	90042
880-48024-56	S-10 (1.5')	Soluble	Solid	300.0	90042
880-48024-57	S-10 (2.0')	Soluble	Solid	300.0	90042
880-48024-58	S-10 (3.0')	Soluble	Solid	300.0	90042
880-48024-59	S-10 (4.0')	Soluble	Solid	300.0	90042
880-48024-60	S-10 (5.0')	Soluble	Solid	300.0	90042
880-48024-61	S-11 (0-1.0")	Soluble	Solid	300.0	90042
880-48024-62	S-11 (1.5')	Soluble	Solid	300.0	90042
880-48024-63	S-11 (2.0')	Soluble	Solid	300.0	90042
880-48024-64	S-11 (3.0')	Soluble	Solid	300.0	90042
880-48024-65	S-11 (4.0')	Soluble	Solid	300.0	90042
880-48024-66	S-11 (5.0')	Soluble	Solid	300.0	90042
880-48024-67	S-12 (0-1.0")	Soluble	Solid	300.0	90042
880-48024-68	S-12 (1.5')	Soluble	Solid	300.0	90042
880-48024-69	S-12 (2.0')	Soluble	Solid	300.0	90042
880-48024-70	S-12 (3.0')	Soluble	Solid	300.0	90042
880-48024-71	S-12 (4.0')	Soluble	Solid	300.0	90042
880-48024-72	S-12 (4.5')	Soluble	Solid	300.0	90042
MB 880-90042/1-A	Method Blank	Soluble	Solid	300.0	90042
LCS 880-90042/2-A	Lab Control Sample	Soluble	Solid	300.0	90042
LCSD 880-90042/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90042
880-48024-55 MS	S-10 (0-1.0")	Soluble	Solid	300.0	90042

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 90110 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48024-55 MSD	S-10 (0-1.0")	Soluble	Solid	300.0	90042
880-48024-65 MS	S-11 (4.0')	Soluble	Solid	300.0	90042
880-48024-65 MSD	S-11 (4.0')	Soluble	Solid	300.0	90042

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-1.0")

Lab Sample ID: 880-48024-1
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 12:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 14:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 20:38	CH	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-48024-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 12:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 14:29	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 20:46	CH	EET MID

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-48024-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 14:45	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 20:55	CH	EET MID

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-48024-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-48024-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/05/24 15:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 15:01	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 21:03	CH	EET MID

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-48024-5
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 15:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 15:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 21:11	CH	EET MID

Client Sample ID: S-2 (0-1.0")

Lab Sample ID: 880-48024-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 15:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 21:36	CH	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-48024-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 09:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 09:39	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-48024-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 21:44	CH	EET MID

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-48024-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 10:27	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 22:08	CH	EET MID

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-48024-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 10:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 10:44	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 22:16	CH	EET MID

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-48024-10
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 15:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 11:00	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 22:25	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-48024-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 11:16	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90057	09/06/24 22:33	CH	EET MID

Client Sample ID: S-3 (0-1.0")

Lab Sample ID: 880-48024-12
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 11:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 22:41	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-48024-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 11:48	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 22:49	CH	EET MID

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-48024-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:09	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (2.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 12:04	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90057	09/06/24 22:57	CH	EET MID

Client Sample ID: S-3 (3.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 12:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 14:31	CH	EET MID

Client Sample ID: S-3 (4.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 12:36	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 14:56	CH	EET MID

Client Sample ID: S-4 (0-1.0")
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 13:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 13:08	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-1.0")

Lab Sample ID: 880-48024-17
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	90083	09/06/24 15:04	CH	EET MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-48024-18
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 13:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 15:12	CH	EET MID

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-48024-19
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 13:41	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 15:20	CH	EET MID

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-48024-20
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90047	09/04/24 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90118	09/05/24 20:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 20:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 13:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 13:57	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 15:44	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-48024-21
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/04/24 23:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/04/24 23:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 14:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 15:53	CH	EET MID

Client Sample ID: S-4 (5.0')

Lab Sample ID: 880-48024-22
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/04/24 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/04/24 23:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 14:29	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 16:01	CH	EET MID

Client Sample ID: S-5 (0-1.0")

Lab Sample ID: 880-48024-23
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/04/24 23:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/04/24 23:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 14:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 14:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 16:09	CH	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-48024-24
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 00:12	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-48024-24
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/05/24 15:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 15:01	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 16:17	CH	EET MID

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-48024-25
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 00:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 15:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 15:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 16:25	CH	EET MID

Client Sample ID: S-5 (3.0')

Lab Sample ID: 880-48024-26
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 00:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90032	09/04/24 09:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90114	09/05/24 15:32	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 16:50	CH	EET MID

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-48024-27
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 01:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 01:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 13:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 13:26	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (4.0')

Lab Sample ID: 880-48024-27
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 16:58	CH	EET MID

Client Sample ID: S-5 (5.0')

Lab Sample ID: 880-48024-28
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 01:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 14:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 14:14	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90083	09/06/24 17:22	CH	EET MID

Client Sample ID: S-6 (0-1.0")

Lab Sample ID: 880-48024-29
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 01:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 01:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 14:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 14:30	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 17:30	CH	EET MID

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-48024-30
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 02:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 02:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 17:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 17:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 17:39	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (2.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 03:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 17:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 17:28	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 17:47	CH	EET MID

Client Sample ID: S-6 (3.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 04:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 17:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 17:44	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90083	09/06/24 17:55	CH	EET MID

Client Sample ID: S-6 (4.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 04:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 04:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 18:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 18:00	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 18:03	CH	EET MID

Client Sample ID: S-6 (5.0')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48024-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 04:41	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (5.0')

Lab Sample ID: 880-48024-34
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/06/24 18:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 18:16	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90040	09/04/24 09:42	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90083	09/06/24 18:11	CH	EET MID

Client Sample ID: S-6 (6.0')

Lab Sample ID: 880-48024-35
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 05:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 05:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 18:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 18:32	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:06	CH	EET MID

Client Sample ID: S-7 (0-1.0")

Lab Sample ID: 880-48024-36
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 05:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 05:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 18:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 18:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:33	CH	EET MID

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-48024-37
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 05:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 05:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 19:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 19:20	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-48024-37
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:42	CH	EET MID

Client Sample ID: S-7 (2.0')

Lab Sample ID: 880-48024-38
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 06:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 06:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 19:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 19:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:51	CH	EET MID

Client Sample ID: S-7 (3.0')

Lab Sample ID: 880-48024-39
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 06:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 06:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 19:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 19:53	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/06/24 18:59	CH	EET MID

Client Sample ID: S-7 (4.0')

Lab Sample ID: 880-48024-40
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90048	09/04/24 11:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90028	09/05/24 06:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 06:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 20:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 20:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 02:23	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (5.0')

Lab Sample ID: 880-48024-41
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 12:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 20:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 20:25	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90090	09/07/24 02:32	CH	EET MID

Client Sample ID: S-7 (6.0)

Lab Sample ID: 880-48024-42
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 20:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 20:41	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90090	09/07/24 02:41	CH	EET MID

Client Sample ID: S-8 (0-1.0")

Lab Sample ID: 880-48024-43
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 13:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 20:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 20:57	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 02:50	CH	EET MID

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-48024-44
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:35	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (1.5')

Lab Sample ID: 880-48024-44
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/06/24 21:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 21:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 02:59	CH	EET MID

Client Sample ID: S-8 (2.0')

Lab Sample ID: 880-48024-45
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 13:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 21:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 21:29	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 03:08	CH	EET MID

Client Sample ID: S-8 (3.0')

Lab Sample ID: 880-48024-46
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/06/24 21:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90033	09/04/24 09:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90177	09/06/24 21:46	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 03:34	CH	EET MID

Client Sample ID: S-8 (4.0')

Lab Sample ID: 880-48024-47
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 00:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 00:58	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (4.0')

Lab Sample ID: 880-48024-47
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90090	09/07/24 03:43	CH	EET MID

Client Sample ID: S-8 (5.0')

Lab Sample ID: 880-48024-48
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 14:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 01:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 01:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90090	09/07/24 04:10	CH	EET MID

Client Sample ID: S-9 (0-1.0")

Lab Sample ID: 880-48024-49
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 15:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 02:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 02:00	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:19	CH	EET MID

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-48024-50
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 15:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 02:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 02:16	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:28	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (2.0')

Lab Sample ID: 880-48024-51
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 17:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 02:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 02:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:36	CH	EET MID

Client Sample ID: S-9 (3.0')

Lab Sample ID: 880-48024-52
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 17:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 02:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 02:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:45	CH	EET MID

Client Sample ID: S-9 (4.0')

Lab Sample ID: 880-48024-53
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 17:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 03:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 03:04	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 04:54	CH	EET MID

Client Sample ID: S-9 (5.0')

Lab Sample ID: 880-48024-54
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 18:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:05	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (5.0')

Lab Sample ID: 880-48024-54
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/07/24 03:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 03:20	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	90041	09/04/24 09:45	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90090	09/07/24 05:03	CH	EET MID

Client Sample ID: S-10 (0-1.0")

Lab Sample ID: 880-48024-55
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 18:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 03:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 03:36	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 06:14	CH	EET MID

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-48024-56
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 18:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 18:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 03:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 03:52	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 06:41	CH	EET MID

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-48024-57
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 19:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 04:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 04:25	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-48024-57
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 06:49	CH	EET MID

Client Sample ID: S-10 (3.0')

Lab Sample ID: 880-48024-58
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 19:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 04:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 04:40	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 06:58	CH	EET MID

Client Sample ID: S-10 (4.0')

Lab Sample ID: 880-48024-59
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 19:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 19:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 04:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 04:57	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 07:07	CH	EET MID

Client Sample ID: S-10 (5.0')

Lab Sample ID: 880-48024-60
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90050	09/04/24 11:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90120	09/05/24 20:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 20:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 05:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 05:13	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90110	09/07/24 07:34	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (0-1.0")

Lab Sample ID: 880-48024-61
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 12:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 05:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 05:29	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 07:43	CH	EET MID

Client Sample ID: S-11 (1.5')

Lab Sample ID: 880-48024-62
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 05:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 05:44	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 07:51	CH	EET MID

Client Sample ID: S-11 (2.0')

Lab Sample ID: 880-48024-63
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 13:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 06:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 06:00	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 08:00	CH	EET MID

Client Sample ID: S-11 (3.0')

Lab Sample ID: 880-48024-64
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 13:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:21	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (3.0')

Lab Sample ID: 880-48024-64
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90155	09/07/24 06:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 06:16	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90110	09/07/24 08:09	CH	EET MID

Client Sample ID: S-11 (4.0')

Lab Sample ID: 880-48024-65
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 13:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 06:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 06:32	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	90110	09/07/24 08:18	CH	EET MID

Client Sample ID: S-11 (5.0')

Lab Sample ID: 880-48024-66
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 14:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/07/24 06:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90035	09/04/24 09:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90175	09/07/24 06:47	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 08:45	CH	EET MID

Client Sample ID: S-12 (0-1.0")

Lab Sample ID: 880-48024-67
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90037	09/04/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90107	09/05/24 11:04	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (0-1.0")

Lab Sample ID: 880-48024-67
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	90110	09/07/24 08:54	CH	EET MID

Client Sample ID: S-12 (1.5')

Lab Sample ID: 880-48024-68
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 14:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90037	09/04/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90107	09/05/24 12:02	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 09:20	CH	EET MID

Client Sample ID: S-12 (2.0')

Lab Sample ID: 880-48024-69
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90037	09/04/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90107	09/05/24 12:21	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	90110	09/07/24 09:29	CH	EET MID

Client Sample ID: S-12 (3.0')

Lab Sample ID: 880-48024-70
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 15:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 15:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90037	09/04/24 09:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90107	09/05/24 12:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90110	09/07/24 09:38	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (4.0')

Lab Sample ID: 880-48024-71
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 16:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 16:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90116	09/05/24 08:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90109	09/05/24 11:04	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90110	09/07/24 09:47	CH	EET MID

Client Sample ID: S-12 (4.5')

Lab Sample ID: 880-48024-72
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90142	09/05/24 17:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			90155	09/05/24 12:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90116	09/05/24 08:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90109	09/05/24 12:02	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90042	09/04/24 09:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90110	09/07/24 09:56	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: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48024-1	S-1 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-2	S-1 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-3	S-1 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-4	S-1 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-5	S-1 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-6	S-2 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-7	S-2 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-8	S-2 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-9	S-2 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-10	S-2 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-11	S-2 (4.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-12	S-3 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-13	S-3 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-14	S-3 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-15	S-3 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-16	S-3 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-17	S-4 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-18	S-4 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-19	S-4 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-20	S-4 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-21	S-4 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-22	S-4 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-23	S-5 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-24	S-5 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-25	S-5 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-26	S-5 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-27	S-5 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-28	S-5 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-29	S-6 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-30	S-6 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-31	S-6 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-32	S-6 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-33	S-6 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-34	S-6 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-35	S-6 (6.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-36	S-7 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-37	S-7 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-38	S-7 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-39	S-7 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-40	S-7 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-41	S-7 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-42	S-7 (6.0)	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-43	S-8 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-44	S-8 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-45	S-8 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-46	S-8 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-47	S-8 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-48	S-8 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-49	S-9 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-50	S-9 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-51	S-9 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-52	S-9 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-53	S-9 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-54	S-9 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05

Sample Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48024-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48024-55	S-10 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-56	S-10 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-57	S-10 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-58	S-10 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-59	S-10 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-60	S-10 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-61	S-11 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-62	S-11 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-63	S-11 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-64	S-11 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-65	S-11 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-66	S-11 (5.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-67	S-12 (0-1.0")	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-68	S-12 (1.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-69	S-12 (2.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-70	S-12 (3.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-71	S-12 (4.0')	Solid	08/30/24 00:00	09/03/24 15:05
880-48024-72	S-12 (4.5')	Solid	08/30/24 00:00	09/03/24 15:05

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Chain of Custody

880-48024 Chain of Custody

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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 415	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@nglep.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:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.10
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.9
Total Containers:		Corrected Temperature:	-6.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-1 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-1 (1.5')	8/30/2024		X		G	1		x	x	x	
S-1 (2.0')	8/30/2024		X		G	1		x	x	x	
S-1 (3.0')	8/30/2024		X		G	1		x	x	x	
S-1 (4.0')	8/30/2024		X		G	1		x	x	x	
S-2 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-2 (1.5')	8/30/2024		X		G	1		x	x	x	
S-2 (2.0')	8/30/2024		X		G	1		x	x	x	
S-2 (3.0')	8/30/2024		X		G	1		x	x	x	
S-2 (4.0')	8/30/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/3/24 1505		

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Received by OCD: 5/28/2025 9:36:07 AM

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Chain of Custody

Work Order No: 480424

9/9/2024

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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 415	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@nglep.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:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-2 (4.5')	8/30/2024		X		G	1			x	x	x	
S-3 (0-1.0')	8/30/2024		X		G	1			x	x	x	
S-3 (1.5')	8/30/2024		X		G	1			x	x	x	
S-3 (2.0')	8/30/2024		X		G	1			x	x	x	
S-3 (3.0')	8/30/2024		X		G	1			x	x	x	
S-3 (4.0')	8/30/2024		X		G	1			x	x	x	
S-4 (0-1.0')	8/30/2024		X		G	1			x	x	x	
S-4 (1.5')	8/30/2024		X		G	1			x	x	x	
S-4 (2.0')	8/30/2024		X		G	1			x	x	x	
S-4 (3.0')	8/30/2024		X		G	1			x	x	x	

Comments:

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	9/13/24 1505		

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Chain of Custody

Work Order No: 48024

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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 415	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@nglep.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:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-4 (4.0')	8/30/2024		X		G	1		x	x	x	
S-4 (5.0')	8/30/2024		X		G	1		x	x	x	
S-5 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-5 (1.5')	8/30/2024		X		G	1		x	x	x	
S-5 (2.0')	8/30/2024		X		G	1		x	x	x	
S-5 (3.0')	8/30/2024		X		G	1		x	x	x	
S-5 (4.0')	8/30/2024		X		G	1		x	x	x	
S-5 (5.0')	8/30/2024		X		G	1		x	x	x	
S-6 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-6 (1.5')	8/30/2024		X		G	1		x	x	x	

Parameters

Comments:

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	9/13/24 1505		

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Chain of Custody

Work Order No: 48024

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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 415	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@nglep.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-6 (2.0')	8/30/2024		X		G	1		x	x	x	
S-6 (3.0')	8/30/2024		X		G	1		x	x	x	
S-6 (4.0')	8/30/2024		X		G	1		x	x	x	
S-6 (5.0')	8/30/2024		X		G	1		x	x	x	
S-6 (6.0')	8/30/2024		X		G	1		x	x	x	
S-7 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-7 (1.5')	8/30/2024		X		G	1		x	x	x	
S-7 (2.0')	8/30/2024		X		G	1		x	x	x	
S-7 (3.0')	8/30/2024		X		G	1		x	x	x	
S-7 (4.0')	8/30/2024		X		G	1		x	x	x	

Comments:

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	9/3-24 1505		

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Chain of Custody

Work Order No: 48024

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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 415	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@nglep.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ rownfields ☐ RC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine	☐ Rush
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-7 (5.0')	8/30/2024		X		G	1		x	x	x	
S-7 (6.0')	8/30/2024		X		G	1		x	x	x	
S-8 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-8 (1.5')	8/30/2024		X		G	1		x	x	x	
S-8 (2.0')	8/30/2024		X		G	1		x	x	x	
S-8 (3.0')	8/30/2024		X		G	1		x	x	x	
S-8 (4.0')	8/30/2024		X		G	1		x	x	x	
S-8 (5.0')	8/30/2024		X		G	1		x	x	x	
S-9 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-9 (1.5')	8/30/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/3/24 1505		

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Chain of Custody

Work Order No: 480024

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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 415	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@nglep.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:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-9 (2.0')	8/30/2024		X		G	1		x	x	x	
S-9 (3.0')	8/30/2024		X		G	1		x	x	x	
S-9 (4.0')	8/30/2024		X		G	1		x	x	x	
S-9 (5.0')	8/30/2024		X		G	1		x	x	x	
S-10 (0-1.0')	8/30/2024		X		G	1		x	x	x	
S-10 (1.5')	8/30/2024		X		G	1		x	x	x	
S-10 (2.0')	8/30/2024		X		G	1		x	x	x	
S-10 (3.0')	8/30/2024		X		G	1		x	x	x	
S-10 (4.0')	8/30/2024		X		G	1		x	x	x	
S-10 (5.0')	8/30/2024		X		G	1		x	x	x	

Parameters

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/3/24 1505		

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Received by OCD: 5/28/2025 9:36:07 AM

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Chain of Custody

Work Order No: 48024

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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 415	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@nglep.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:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-11 (0-1.0')	8/30/2024		X		G	1	x	x	x	
S-11 (1.5')	8/30/2024		X		G	1	x	x	x	
S-11 (2.0')	8/30/2024		X		G	1	x	x	x	
S-11 (3.0')	8/30/2024		X		G	1	x	x	x	
S-11 (4.0')	8/30/2024		X		G	1	x	x	x	
S-11 (5.0')	8/30/2024		X		G	1	x	x	x	
S-12 (0-1.0')	8/30/2024		X		G	1	x	x	x	
S-12 (1.5')	8/30/2024		X		G	1	x	x	x	
S-12 (2.0')	8/30/2024		X		G	1	x	x	x	
S-12 (3.0')	8/30/2024		X		G	1	x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/3/24 1505		

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Received by OCD: 5/28/2025 9:36:07 AM

Released to Imaging: 7/15/2025 9:10:59 AM

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Chain of Custody

Work Order No: 458024

9/9/2024

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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 415	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@nglep.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:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-12 (4.0')	8/30/2024		X		G	1		x	x	x	
S-12 (4.5')	8/30/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
David	9/3/24 1505		

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Received by OCD: 5/28/2025 9:36:07 AM

Released to Imaging: 7/15/2025 9:10:59 AM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-48024-1
SDG Number: Lea County, New Mexico

Login Number: 48024
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/10/2024 8:54:43 AM

JOB DESCRIPTION

NGL- Tie In
Lea County, New Mexico

JOB NUMBER

880-48023-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

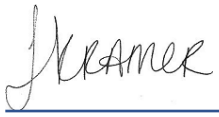
Eurofins Midland

Job Notes

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

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

Authorization



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

Client: Carmona Resources
Project/Site: NGL- Tie In

Laboratory Job ID: 880-48023-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Qualifiers

GC 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.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: NGL- Tie In

Job ID: 880-48023-1

Job ID: 880-48023-1 Eurofins Midland

Job Narrative
880-48023-1

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

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

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

Receipt
The samples were received on 9/3/2024 3:05 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 -6.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-48023-1), H-2 (0-0.5') (880-48023-2), H-3 (0-0.5') (880-48023-3), H-4 (0-0.5') (880-48023-4), H-5 (0-0.5') (880-48023-5), H-6 (0-0.5') (880-48023-6), H-7 (0-0.5') (880-48023-7), H-8 (0-0.5') (880-48023-8), H-9 (0-0.5') (880-48023-9), H-10 (0-0.5') (880-48023-10), H-11 (0-0.5') (880-48023-11), H-12 (0-0.5') (880-48023-12), H-13 (0-0.5') (880-48023-13) and H-14 (0-0.5') (880-48023-14).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: H-9 (0-0.5') (880-48023-9). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-90182 and 880-90190 and analytical batch 880-90171 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-90171 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-90171/20) and (CCV 880-90171/33).

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-90030 and analytical batch 880-90113 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-90030/2-A) and (880-48023-A-1-C MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-90038 and analytical batch 880-90055 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.

The associated samples are: H-1 (0-0.5') (880-48023-1), H-2 (0-0.5') (880-48023-2), H-3 (0-0.5') (880-48023-3), H-4 (0-0.5') (880-48023-4), H-5 (0-0.5') (880-48023-5), H-6 (0-0.5') (880-48023-6), H-7 (0-0.5') (880-48023-7), (880-48022-A-25-A), (880-48022-A-25-B MS) and (880-48022-A-25-C MSD).

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: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-1
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:28*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 09:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 09:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 09:39	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/04/24 09:11*	*09/05/24 09:39*	*1*
o-Terphenyl	*113*		*70 - 130*	*09/04/24 09:11*	*09/05/24 09:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**163**		4.96		mg/Kg			09/06/24 09:32	1

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

Lab Sample ID: 880-48023-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 17:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:48*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*09/04/24 11:11*	*09/05/24 17:48*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 10:27	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		09/04/24 09:11	09/05/24 10:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 10:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 10:27	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*09/04/24 09:11*	*09/05/24 10:27*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/04/24 09:11*	*09/05/24 10:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.86**		4.97		mg/Kg			09/06/24 09:58	1

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

Lab Sample ID: 880-48023-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:09*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 10:44	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:11	09/05/24 10:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 10:44	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/04/24 09:11*	*09/05/24 10:44*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/04/24 09:11*	*09/05/24 10:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.92**		5.01		mg/Kg			09/06/24 10:07	1

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

Lab Sample ID: 880-48023-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 18:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 18:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 18:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/04/24 11:11	09/05/24 18:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/04/24 11:11	09/05/24 18:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/04/24 11:11	09/05/24 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:29*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/05/24 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 11:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 11:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 11:00	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:00*	*1*
o-Terphenyl	*106*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 10:16	1

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

Lab Sample ID: 880-48023-5
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/04/24 11:11	09/05/24 18:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/04/24 11:11	09/05/24 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:50*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 11:11*	*09/05/24 18:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/05/24 18:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:16	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:16*	*1*
o-Terphenyl	*101*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 10:25	1

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

Lab Sample ID: 880-48023-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 11:11	09/05/24 19:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 19:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/04/24 11:11	09/05/24 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:10*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:10*	*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			09/05/24 19:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 11:32	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	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:32	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:32*	*1*
o-Terphenyl	*97*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 10:34	1

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

Lab Sample ID: 880-48023-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 19:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 11:11	09/05/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			09/05/24 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 11:48	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	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:48	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:48*	*1*
o-Terphenyl	*115*		*70 - 130*	*09/04/24 09:11*	*09/05/24 11:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.1**		5.01		mg/Kg			09/06/24 10:43	1

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

Lab Sample ID: 880-48023-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 11:11	09/05/24 19:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 11:11	09/05/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:51*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/04/24 11:11*	*09/05/24 19:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/05/24 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/05/24 12:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 12:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-8
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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)	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 12:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 12:04	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:04*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			09/06/24 10:51	1

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-48023-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
o-Xylene	**0.0254**		0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:24	1
Xylenes, Total	**0.0254**		0.00399		mg/Kg		09/04/24 10:38	09/04/24 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*09/04/24 10:38*	*09/04/24 23:24*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/04/24 10:38*	*09/04/24 23:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0254**		0.00399		mg/Kg			09/04/24 23:24	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			09/05/24 12:20	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	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 12:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 12:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 12:20	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:20*	*1*
o-Terphenyl	*110*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-48023-9
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.31		5.01		mg/Kg			09/06/24 19:17	1

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-48023-10
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 23:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/04/24 10:38	09/04/24 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/04/24 10:38*	*09/04/24 23:45*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/04/24 10:38*	*09/04/24 23:45*	*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			09/04/24 23:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 12:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 12:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 12:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 12:36	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:36*	*1*
o-Terphenyl	*111*		*70 - 130*	*09/04/24 09:11*	*09/05/24 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			09/06/24 19:41	1

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-48023-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:38	09/05/24 00:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:38	09/05/24 00:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-48023-11
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 10:38	09/05/24 00:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/04/24 10:38	09/05/24 00:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/04/24 10:38	09/05/24 00:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/04/24 10:38	09/05/24 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/04/24 10:38*	*09/05/24 00:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/04/24 10:38*	*09/05/24 00:05*	*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			09/05/24 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/05/24 13:08	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		09/04/24 09:11	09/05/24 13:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 13:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 13:08	1
Total TPH	<49.9	U	49.9		mg/Kg		09/04/24 09:11	09/05/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:08*	*1*
o-Terphenyl	*100*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96		mg/Kg			09/06/24 19:49	1

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-48023-12
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 05:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/06/24 09:55	09/07/24 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/06/24 09:55*	*09/07/24 05:55*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/06/24 09:55*	*09/07/24 05:55*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-12 (0-0.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-12
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/07/24 05:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/05/24 13:24	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	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 13:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 13:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 13:24	1
Total TPH	<49.8	U	49.8		mg/Kg		09/04/24 09:11	09/05/24 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:24*	*1*
o-Terphenyl	*107*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.20**		4.98		mg/Kg			09/06/24 19:57	1

Client Sample ID: H-13 (0-0.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-13
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		09/06/24 09:55	09/07/24 06:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/06/24 09:55	09/07/24 06:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/06/24 09:55	09/07/24 06:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/06/24 09:55	09/07/24 06:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/06/24 09:55	09/07/24 06:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/06/24 09:55	09/07/24 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*09/06/24 09:55*	*09/07/24 06:21*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*09/06/24 09:55*	*09/07/24 06:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/07/24 06:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/05/24 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 13:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-48023-13
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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		09/04/24 09:11	09/05/24 13:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 13:41	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:41*	*1*
o-Terphenyl	*109*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04		mg/Kg			09/06/24 20:06	1

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-48023-14
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/06/24 09:55	09/07/24 06:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/06/24 09:55	09/07/24 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*09/06/24 09:55*	*09/07/24 06:48*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*09/06/24 09:55*	*09/07/24 06:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/07/24 06:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/05/24 13:57	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	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 13:57	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 13:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 13:57	1
Total TPH	<49.7	U	49.7		mg/Kg		09/04/24 09:11	09/05/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:57*	*1*
o-Terphenyl	*114*		*70 - 130*	*09/04/24 09:11*	*09/05/24 13:57*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-14 (0-0.5')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-14
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 20:30	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-48023-1	H-1 (0-0.5')	103	99
880-48023-2	H-2 (0-0.5')	110	97
880-48023-3	H-3 (0-0.5')	109	98
880-48023-4	H-4 (0-0.5')	108	94
880-48023-5	H-5 (0-0.5')	109	96
880-48023-6	H-6 (0-0.5')	112	94
880-48023-7	H-7 (0-0.5')	107	99
880-48023-8	H-8 (0-0.5')	107	94
880-48023-9	H-9 (0-0.5')	132 S1+	103
880-48023-10	H-10 (0-0.5')	113	96
880-48023-11	H-11 (0-0.5')	110	99
880-48023-12	H-12 (0-0.5')	113	92
880-48023-12 MS	H-12 (0-0.5')	101	83
880-48023-12 MSD	H-12 (0-0.5')	113	95
880-48023-13	H-13 (0-0.5')	127	96
880-48023-14	H-14 (0-0.5')	122	84
880-48024-A-61-C MS	Matrix Spike	99	98
880-48024-A-61-D MSD	Matrix Spike Duplicate	96	103
890-7068-A-36-C MS	Matrix Spike	94	105
890-7068-A-36-D MSD	Matrix Spike Duplicate	95	103
LCS 880-90045/1-A	Lab Control Sample	97	107
LCS 880-90051/1-A	Lab Control Sample	95	99
LCS 880-90182/1-A	Lab Control Sample	109	86
LCSD 880-90045/2-A	Lab Control Sample Dup	94	102
LCSD 880-90051/2-A	Lab Control Sample Dup	95	99
LCSD 880-90182/2-A	Lab Control Sample Dup	122	105
MB 880-90045/5-A	Method Blank	100	91
MB 880-90051/5-A	Method Blank	98	92
MB 880-90182/5-A	Method Blank	57 S1-	100
MB 880-90190/5-A	Method Blank	61 S1-	116

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)
880-48023-1	H-1 (0-0.5')	122	113
880-48023-1 MS	H-1 (0-0.5')	123	125
880-48023-1 MSD	H-1 (0-0.5')	149 S1+	119
880-48023-2	H-2 (0-0.5')	115	110
880-48023-3	H-3 (0-0.5')	122	114
880-48023-4	H-4 (0-0.5')	119	106
880-48023-5	H-5 (0-0.5')	115	101
880-48023-6	H-6 (0-0.5')	110	97
880-48023-7	H-7 (0-0.5')	130	115

Surrogate Summary

Client: Carmona Resources
Job ID: 880-48023-1
Project/Site: NGL- Tie In
SDG: Lea County, New Mexico

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-48023-8	H-8 (0-0.5')	119	109										
880-48023-9	H-9 (0-0.5')	119	110										
880-48023-10	H-10 (0-0.5')	122	111										
880-48023-11	H-11 (0-0.5')	108	100										
880-48023-12	H-12 (0-0.5')	118	107										
880-48023-13	H-13 (0-0.5')	120	109										
880-48023-14	H-14 (0-0.5')	125	114										
LCS 880-90030/2-A	Lab Control Sample	139 S1+	113										
LCSD 880-90030/3-A	Lab Control Sample Dup	109	111										
MB 880-90030/1-A	Method Blank	131 S1+	118										

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-90045/5-A
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90045

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 10:38	09/04/24 16:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 10:38	09/04/24 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/04/24 10:38*	*09/04/24 16:12*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/04/24 10:38*	*09/04/24 16:12*	*1*

Lab Sample ID: LCS 880-90045/1-A
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1083		mg/Kg		108	70 - 130
Toluene	0.100	0.09514		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1027		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2047		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130

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

Lab Sample ID: LCSD 880-90045/2-A
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09645		mg/Kg		96	70 - 130	12	35
Toluene	0.100	0.08372		mg/Kg		84	70 - 130	13	35
Ethylbenzene	0.100	0.09049		mg/Kg		90	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1810		mg/Kg		90	70 - 130	12	35
o-Xylene	0.100	0.09155		mg/Kg		92	70 - 130	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 890-7068-A-36-C MS
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0996	0.09721		mg/Kg		98	70 - 130
Toluene	<0.00200	U	0.0996	0.08265		mg/Kg		83	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-7068-A-36-C MS
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.08803		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1737		mg/Kg		87	70 - 130
o-Xylene	<0.00200	U	0.0996	0.08817		mg/Kg		89	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 890-7068-A-36-D MSD
Matrix: Solid
Analysis Batch: 90074

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90045

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	0.09793		mg/Kg		99	70 - 130	1	35
Toluene	<0.00200	U	0.0990	0.08345		mg/Kg		84	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0990	0.08815		mg/Kg		89	70 - 130	0	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1743		mg/Kg		88	70 - 130	0	35
o-Xylene	<0.00200	U	0.0990	0.08819		mg/Kg		89	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 880-90051/5-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90051

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/04/24 11:11	09/05/24 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/04/24 11:11	09/05/24 11:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*09/04/24 11:11*	*09/05/24 11:58*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/04/24 11:11*	*09/05/24 11:58*	*1*

Lab Sample ID: LCS 880-90051/1-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08287		mg/Kg		83	70 - 130
Toluene	0.100	0.07344		mg/Kg		73	70 - 130
Ethylbenzene	0.100	0.07934		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1597		mg/Kg		80	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-90051/1-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90051

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.08168		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-90051/2-A
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90051

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08668		mg/Kg		87	70 - 130	4	35
Toluene			0.100	0.07701		mg/Kg		77	70 - 130	5	35
Ethylbenzene			0.100	0.08378		mg/Kg		84	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.1681		mg/Kg		84	70 - 130	5	35
o-Xylene			0.100	0.08523		mg/Kg		85	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-48024-A-61-C MS
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 90051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.09371		mg/Kg		94	70 - 130		
Toluene	<0.00200	U	0.0996	0.08159		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00200	U	0.0996	0.08682		mg/Kg		87	70 - 130		
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1713		mg/Kg		86	70 - 130		
o-Xylene	<0.00200	U	0.0996	0.08692		mg/Kg		87	70 - 130		

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

Lab Sample ID: 880-48024-A-61-D MSD
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90051

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	0.09903		mg/Kg		100	70 - 130	6	35
Toluene	<0.00200	U	0.0990	0.08506		mg/Kg		86	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.0990	0.09009		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1771		mg/Kg		89	70 - 130	3	35
o-Xylene	<0.00200	U	0.0990	0.08983		mg/Kg		91	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48024-A-61-D MSD
Matrix: Solid
Analysis Batch: 90117

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 90051

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-90182/5-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/06/24 09:55	09/07/24 05:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/06/24 09:55	09/07/24 05:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	57	S1-	70 - 130	09/06/24 09:55	09/07/24 05:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/06/24 09:55	09/07/24 05:28	1

Lab Sample ID: LCS 880-90182/1-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90182

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1059		mg/Kg		106	70 - 130		
Toluene			0.100	0.1013		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.09953		mg/Kg		100	70 - 130		
m-Xylene & p-Xylene			0.200	0.2111		mg/Kg		106	70 - 130		
o-Xylene			0.100	0.1002		mg/Kg		100	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-90182/2-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90182

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1193		mg/Kg		119	70 - 130	12	35
Toluene			0.100	0.1093		mg/Kg		109	70 - 130	8	35
Ethylbenzene			0.100	0.09795		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2178		mg/Kg		109	70 - 130	3	35
o-Xylene			0.100	0.1103		mg/Kg		110	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-90182/2-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90182

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-48023-12 MS
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: H-12 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90182

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09314		mg/Kg		93	70 - 130
Toluene	<0.00201	U	0.100	0.09435		mg/Kg		94	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08603		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1823		mg/Kg		91	70 - 130
o-Xylene	<0.00201	U	0.100	0.09671		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 880-48023-12 MSD
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: H-12 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90182

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1039		mg/Kg		104	70 - 130	11	35
Toluene	<0.00201	U	0.100	0.09704		mg/Kg		97	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.09510		mg/Kg		95	70 - 130	10	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2003		mg/Kg		100	70 - 130	9	35
o-Xylene	<0.00201	U	0.100	0.09808		mg/Kg		98	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-90190/5-A
Matrix: Solid
Analysis Batch: 90171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90190

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/06/24 10:34	09/06/24 15:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/06/24 10:34	09/06/24 15:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	61	S1-	70 - 130	09/06/24 10:34	09/06/24 15:42	1
1,4-Difluorobenzene (Surr)	116		70 - 130	09/06/24 10:34	09/06/24 15:42	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-90030/1-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 90030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1
Total TPH	<50.0	U	50.0		mg/Kg		09/04/24 09:11	09/05/24 06:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*09/04/24 09:11*	*09/05/24 06:41*	*1*
o-Terphenyl	*118*		*70 - 130*	*09/04/24 09:11*	*09/05/24 06:41*	*1*

Lab Sample ID: LCS 880-90030/2-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 90030

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1159		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	985.1		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*113*		*70 - 130*

Lab Sample ID: LCSD 880-90030/3-A
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 90030

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1174		mg/Kg		117	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1060		mg/Kg		106	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: 880-48023-1 MS
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	1092		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	998	1077		mg/Kg		108	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-1 MS
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90030

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	125		70 - 130

Lab Sample ID: 880-48023-1 MSD
Matrix: Solid
Analysis Batch: 90113

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 90030

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	<49.7	U	998	1106		mg/Kg		111	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	998	1005		mg/Kg		101	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	149	S1+	70 - 130
o-Terphenyl	119		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-90038/1-A
Matrix: Solid
Analysis Batch: 90055

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/05/24 21:33	1

Lab Sample ID: LCS 880-90038/2-A
Matrix: Solid
Analysis Batch: 90055

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.1		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-90038/3-A
Matrix: Solid
Analysis Batch: 90055

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	239.1		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-90039/1-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/06/24 18:52	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-90039/2-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	247.3		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-90039/3-A
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.6		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-48023-9 MS
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: H-9 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7.31		251	257.9		mg/Kg		100	90 - 110		

Lab Sample ID: 880-48023-9 MSD
Matrix: Solid
Analysis Batch: 90057

Client Sample ID: H-9 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.31		251	259.3		mg/Kg		101	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 90045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	5035	
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	5035	
MB 880-90045/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90045/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90045/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7068-A-36-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7068-A-36-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 90051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	5035	
MB 880-90051/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90051/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90051/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48024-A-61-C MS	Matrix Spike	Total/NA	Solid	5035	
880-48024-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 90074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	8021B	90045
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	8021B	90045
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	8021B	90045
MB 880-90045/5-A	Method Blank	Total/NA	Solid	8021B	90045
LCS 880-90045/1-A	Lab Control Sample	Total/NA	Solid	8021B	90045
LCSD 880-90045/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90045
890-7068-A-36-C MS	Matrix Spike	Total/NA	Solid	8021B	90045
890-7068-A-36-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	90045

Analysis Batch: 90117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	8021B	90051
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	8021B	90051
MB 880-90051/5-A	Method Blank	Total/NA	Solid	8021B	90051
LCS 880-90051/1-A	Lab Control Sample	Total/NA	Solid	8021B	90051
LCSD 880-90051/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90051
880-48024-A-61-C MS	Matrix Spike	Total/NA	Solid	8021B	90051
880-48024-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	90051

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 90143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 90171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	8021B	90182
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	8021B	90182
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	8021B	90182
MB 880-90182/5-A	Method Blank	Total/NA	Solid	8021B	90182
MB 880-90190/5-A	Method Blank	Total/NA	Solid	8021B	90190
LCS 880-90182/1-A	Lab Control Sample	Total/NA	Solid	8021B	90182
LCSD 880-90182/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	90182
880-48023-12 MS	H-12 (0-0.5')	Total/NA	Solid	8021B	90182
880-48023-12 MSD	H-12 (0-0.5')	Total/NA	Solid	8021B	90182

Prep Batch: 90182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	5035	
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	5035	
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	5035	
MB 880-90182/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-90182/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-90182/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-48023-12 MS	H-12 (0-0.5')	Total/NA	Solid	5035	
880-48023-12 MSD	H-12 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 90190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-90190/5-A	Method Blank	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 90030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 90030 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-90030/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-90030/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-90030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-48023-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-48023-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 90113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	8015B NM	90030
MB 880-90030/1-A	Method Blank	Total/NA	Solid	8015B NM	90030
LCS 880-90030/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	90030
LCSD 880-90030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	90030
880-48023-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	90030
880-48023-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	90030

Analysis Batch: 90154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 90154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-13	H-13 (0-0.5')	Total/NA	Solid	8015 NM	
880-48023-14	H-14 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 90038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-90038/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90038/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90038/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 90039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-13	H-13 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-14	H-14 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-90039/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-90039/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-90039/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-48023-9 MS	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-48023-9 MSD	H-9 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 90055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-1	H-1 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-2	H-2 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-3	H-3 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-4	H-4 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-5	H-5 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-6	H-6 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-7	H-7 (0-0.5')	Soluble	Solid	300.0	90038
880-48023-8	H-8 (0-0.5')	Soluble	Solid	300.0	90038
MB 880-90038/1-A	Method Blank	Soluble	Solid	300.0	90038
LCS 880-90038/2-A	Lab Control Sample	Soluble	Solid	300.0	90038
LCSD 880-90038/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90038

Analysis Batch: 90057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-9	H-9 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-10	H-10 (0-0.5')	Soluble	Solid	300.0	90039

QC Association Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 90057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-48023-11	H-11 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-12	H-12 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-13	H-13 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-14	H-14 (0-0.5')	Soluble	Solid	300.0	90039
MB 880-90039/1-A	Method Blank	Soluble	Solid	300.0	90039
LCS 880-90039/2-A	Lab Control Sample	Soluble	Solid	300.0	90039
LCSD 880-90039/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	90039
880-48023-9 MS	H-9 (0-0.5')	Soluble	Solid	300.0	90039
880-48023-9 MSD	H-9 (0-0.5')	Soluble	Solid	300.0	90039

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-1
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 17:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 09:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 09:39	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 09:32	SMC	EET MID

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

Lab Sample ID: 880-48023-2
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 17:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 10:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 10:27	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 09:58	SMC	EET MID

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

Lab Sample ID: 880-48023-3
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 18:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 10:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 10:44	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:07	SMC	EET MID

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

Lab Sample ID: 880-48023-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 18:29	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-4
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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			90154	09/05/24 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 11:00	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:16	SMC	EET MID

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

Lab Sample ID: 880-48023-5
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 18:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 11:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 11:16	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:25	SMC	EET MID

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

Lab Sample ID: 880-48023-6
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 19:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 11:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 11:32	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:34	SMC	EET MID

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

Lab Sample ID: 880-48023-7
Matrix: Solid
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 19:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 19:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 11:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 11:48	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-48023-7
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:43	SMC	EET MID

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

Lab Sample ID: 880-48023-8
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90051	09/04/24 11:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90117	09/05/24 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 19:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 12:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 12:04	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	90038	09/04/24 09:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90055	09/06/24 10:51	SMC	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-48023-9
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90045	09/04/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90074	09/04/24 23:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/04/24 23:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 12:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 12:20	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 19:17	CH	EET MID

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-48023-10
Date Collected: 08/30/24 00:00
Matrix: Solid
Date Received: 09/03/24 15:05

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	90045	09/04/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90074	09/04/24 23:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/04/24 23:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 12:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 12:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 19:41	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0-0.5')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-11
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			4.98 g	5 mL	90045	09/04/24 10:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90074	09/05/24 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/05/24 00:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 13:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 13:08	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 19:49	CH	EET MID

Client Sample ID: H-12 (0-0.5')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-12
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			4.98 g	5 mL	90182	09/06/24 09:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90171	09/07/24 05:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/07/24 05:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 13:24	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 19:57	CH	EET MID

Client Sample ID: H-13 (0-0.5')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	90182	09/06/24 09:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90171	09/07/24 06:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/07/24 06:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			90154	09/05/24 13:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 13:41	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 20:06	CH	EET MID

Client Sample ID: H-14 (0-0.5')
Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	90182	09/06/24 09:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	90171	09/07/24 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			90143	09/07/24 06:48	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Client Sample ID: H-14 (0-0.5')

Date Collected: 08/30/24 00:00
Date Received: 09/03/24 15:05

Lab Sample ID: 880-48023-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			90154	09/05/24 13:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	90030	09/04/24 09:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	90113	09/05/24 13:57	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	90039	09/04/24 09:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	90057	09/06/24 20:30	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: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: NGL- Tie In

Job ID: 880-48023-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-48023-1	H-1 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-2	H-2 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-3	H-3 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-4	H-4 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-5	H-5 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-6	H-6 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-7	H-7 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-8	H-8 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-9	H-9 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-10	H-10 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-11	H-11 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-12	H-12 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-13	H-13 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05
880-48023-14	H-14 (0-0.5')	Solid	08/30/24 00:00	09/03/24 15:05

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Chain of Custody

880-48023 Chain of Custody

9/10/2024

Page ___1___ of ___2___

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 415	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@nglep.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:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine	☐ Rush
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR2
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.10
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-5.9
Total Containers:		Corrected Temperature:	-6.0

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-2 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-3 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-4 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-5 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-6 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-7 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-8 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-9 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-10 (0-0.5')	8/30/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/3/24 1505		

Received by OCD: 5/28/2025 9:36:07 AM

Released to Imaging: 7/15/2025 9:10:59 AM

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Chain of Custody

Work Order No: 48023

9/10/2024

Page 2 of 2

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 415	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@nglep.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:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine	☐ Rush
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-11 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-12 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-13 (0-0.5')	8/30/2024		X		G	1		x	x	x	
H-14 (0-0.5')	8/30/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/13/24 1505		

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Received by OCD: 5/28/2025 9:36:07 AM

Released to Imaging: 7/15/2025 9:10:59 AM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-48023-1
SDG Number: Lea County, New Mexico

Login Number: 48023
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/21/2024 12:15:53 PM

JOB DESCRIPTION

NGL-Tie In
Lea County, New Mexico

JOB NUMBER

880-49784-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 7/15/2025 9:10:57 AM

my EOL

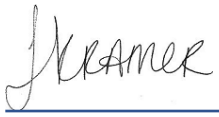
Eurofins Midland

Job Notes

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

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

Authorization



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10/21/2024 12:15:53 PM

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

Client: Carmona Resources
Project/Site: NGL-Tie In

Laboratory Job ID: 880-49784-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-49784-1

Job ID: 880-49784-1 Eurofins Midland

Job Narrative
880-49784-1

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

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

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

Receipt
The samples were received on 10/14/2024 3:50 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 -3.8°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1') (880-49784-1), T-1 (1.5') (880-49784-2), T-1 (2') (880-49784-3), T-1 (3') (880-49784-4), T-1 (4') (880-49784-5), T-1 (5') (880-49784-6), T-1 (6') (880-49784-7), T-1 (7') (880-49784-8), T-1 (8') (880-49784-9), T-1 (9') (880-49784-10), T-1 (10') (880-49784-11), T-1 (11') (880-49784-12), T-1 (12') (880-49784-13), T-1 (13') (880-49784-14), T-1 (14') (880-49784-15), T-2 (0-1') (880-49784-16), T-2 (1.5') (880-49784-17), T-2 (2') (880-49784-18), T-2 (3') (880-49784-19), T-2 (4') (880-49784-20), T-2 (5') (880-49784-21), T-2 (6') (880-49784-22), T-2 (7') (880-49784-23), T-2 (8') (880-49784-24), T-2 (9') (880-49784-25), T-2 (10') (880-49784-26), T-2 (11') (880-49784-27), T-3 (0-1') (880-49784-28), T-3 (1.5') (880-49784-29), T-3 (2') (880-49784-30), T-3 (3') (880-49784-31), T-3 (4') (880-49784-32), T-3 (5') (880-49784-33), T-3 (6') (880-49784-34), T-3 (7') (880-49784-35), T-3 (8') (880-49784-36), T-3 (9') (880-49784-37), T-3 (10') (880-49784-38), T-3 (11') (880-49784-39), T-3 (12') (880-49784-40), T-3 (13') (880-49784-41), T-3 (14') (880-49784-42), T-3 (15') (880-49784-43), T-4 (0-1') (880-49784-44), T-4 (1.5') (880-49784-45), T-4 (2') (880-49784-46), T-4 (3') (880-49784-47), T-4 (4') (880-49784-48), T-5 (0-1') (880-49784-49), T-5 (1.5') (880-49784-50), T-5 (2') (880-49784-51), T-5 (3') (880-49784-52), T-5 (4') (880-49784-53), T-5 (5') (880-49784-54), T-5 (6') (880-49784-55), T-5 (7') (880-49784-56), T-5 (8') (880-49784-57), T-5 (9') (880-49784-58), T-5 (10') (880-49784-59), T-5 (11') (880-49784-60), T-5 (12') (880-49784-61), T-5 (13') (880-49784-62), T-5 (14') (880-49784-63), T-6 (0-1') (880-49784-64), T-6 (1.5') (880-49784-65), T-6 (2') (880-49784-66), T-6 (3') (880-49784-67), T-6 (4') (880-49784-68), T-6 (5') (880-49784-69), T-6 (6') (880-49784-70), T-6 (7') (880-49784-71), T-6 (8') (880-49784-72), T-6 (9') (880-49784-73), T-7 (0-1') (880-49784-74), T-7 (1.5') (880-49784-75), T-7 (2') (880-49784-76), T-7 (3') (880-49784-77), T-7 (4') (880-49784-78), T-7 (5') (880-49784-79), T-7 (6') (880-49784-80), T-7 (7') (880-49784-81), T-7 (8') (880-49784-82), T-8 (0-1') (880-49784-83), T-8 (1.5') (880-49784-84), T-8 (2') (880-49784-85), T-8 (3') (880-49784-86), T-8 (4') (880-49784-87), T-8 (5') (880-49784-88), T-8 (6') (880-49784-89), T-8 (7') (880-49784-90) and T-8 (8') (880-49784-91).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-93305 recovered under the lower control limit for Benzene, Toluene and m-Xylene & p-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-93311 and 880-93340 and analytical batch 880-93308 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-1 (7') (880-49784-8). 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: T-5 (12') (880-49784-61), T-5 (13') (880-49784-62), T-5 (14') (880-49784-63), T-6 (0-1') (880-49784-64), T-6 (1.5') (880-49784-65), T-6 (2') (880-49784-66), T-6 (3') (880-49784-67), T-6 (4') (880-49784-68), T-6 (5') (880-49784-69), T-6 (6') (880-49784-70), T-6 (7') (880-49784-71), T-6 (8') (880-49784-72), T-6 (9') (880-49784-73), T-7 (0-1') (880-49784-74), T-7 (1.5') (880-49784-75), T-7 (2') (880-49784-76), T-7 (3') (880-49784-77), T-7 (4') (880-49784-78), T-7 (5') (880-49784-79), T-7 (6') (880-49784-80), (CCV 880-93304/51), (LCS 880-93343/1-A), (LCSD 880-93343/2-A), (MB 880-93343/5-A), (880-49784-A-61-A MS) and (880-49784-A-61-B 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.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-49784-1

Job ID: 880-49784-1 (Continued) Eurofins Midland

Diesel Range Organics
Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: T-2 (0-1') (880-49784-16). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-93361 and analytical batch 880-93454 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-93363/2-A) and (LCSD 880-93363/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-3 (14') (880-49784-42), T-3 (15') (880-49784-43), T-4 (0-1') (880-49784-44), T-4 (1.5') (880-49784-45), T-5 (1.5') (880-49784-50) and T-5 (2') (880-49784-51). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The closing continuing calibration verification (CCVC) associated with batch 880-93456 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-93365/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-93365 and analytical batch 880-93440 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-93364/2-A) and (LCSD 880-93364/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-93364 and analytical batch 880-93583 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: T-5 (13') (880-49784-62), T-7 (0-1') (880-49784-74), (880-49784-A-61-E MS) and (880-49784-A-61-F MSD). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-5 (14') (880-49784-63), T-6 (0-1') (880-49784-64), T-6 (2') (880-49784-66), T-6 (6') (880-49784-70), T-6 (9') (880-49784-73), T-7 (3') (880-49784-77), T-7 (5') (880-49784-79) and T-7 (6') (880-49784-80). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93414 and analytical batch 880-93452 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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93416 and analytical batch 880-93458 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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93415 and analytical batch 880-93457 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.

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-49784-1

Job ID: 880-49784-1 (Continued) Eurofins Midland

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-93417 and analytical batch 880-93464 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: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-49784-1
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/15/24 23:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:02	10/15/24 23:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:02	10/15/24 23:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/15/24 11:02	10/15/24 23:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:02	10/15/24 23:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/24 11:02	10/15/24 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:02*	*10/15/24 23:52*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:02*	*10/15/24 23:52*	*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			10/15/24 23:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**119**		50.0		mg/Kg			10/16/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 17:31	1
Diesel Range Organics (Over C10-C28)	**119**	**F1**	50.0		mg/Kg		10/15/24 12:49	10/16/24 17:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*10/15/24 12:49*	*10/16/24 17:31*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/15/24 12:49*	*10/16/24 17:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1550**		49.9		mg/Kg			10/16/24 00:46	5

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-49784-2
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 00:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 00:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 00:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 00:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 00:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:12*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-49784-2
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 00:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 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	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:17*	*1*
o-Terphenyl	*86*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2620**		49.6		mg/Kg			10/16/24 00:51	5

Client Sample ID: T-1 (2')

Lab Sample ID: 880-49784-3
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 00:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:02	10/16/24 00:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:02	10/16/24 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:33*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:33*	*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			10/16/24 00:33	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			10/16/24 18:33	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		10/15/24 12:49	10/16/24 18:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 18:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-49784-3
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:33*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1840**		49.8		mg/Kg			10/16/24 00:57	5

Client Sample ID: T-1 (3')

Lab Sample ID: 880-49784-4
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:02	10/16/24 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 00:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:02	10/16/24 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:53*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*10/15/24 11:02*	*10/16/24 00:53*	*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			10/16/24 00:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 18:48	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	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:48*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 12:49*	*10/16/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3080**		49.9		mg/Kg			10/16/24 01:02	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (4')

Lab Sample ID: 880-49784-5
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 01:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 01:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 01:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 01:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 01:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:14*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 19:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 19:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:03*	*1*
o-Terphenyl	*94*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2650**		49.8		mg/Kg			10/16/24 01:18	5

Client Sample ID: T-1 (5')

Lab Sample ID: 880-49784-6
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 01:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 01:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 01:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:02	10/16/24 01:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 01:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:02	10/16/24 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:34*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (5')

Lab Sample ID: 880-49784-6
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:21*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3550**		50.2		mg/Kg			10/16/24 01:24	5

Client Sample ID: T-1 (6')

Lab Sample ID: 880-49784-7
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 01:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 01:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 01:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 01:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 01:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:55*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*10/15/24 11:02*	*10/16/24 01:55*	*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			10/16/24 01:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (6')

Lab Sample ID: 880-49784-7
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:36*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2820**		49.7		mg/Kg			10/16/24 01:29	5

Client Sample ID: T-1 (7')

Lab Sample ID: 880-49784-8
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 02:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:02	10/16/24 02:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:02	10/16/24 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*10/15/24 11:02*	*10/16/24 02:15*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/16/24 02:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 19:51	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		10/15/24 12:49	10/16/24 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 19:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:51*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/15/24 12:49*	*10/16/24 19:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4530**		99.2		mg/Kg			10/16/24 01:34	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (8')

Lab Sample ID: 880-49784-9
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 02:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:02	10/16/24 02:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 02:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:02	10/16/24 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:36*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:36*	*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			10/16/24 02:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 20:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 20:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 20:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:08*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4850**		101		mg/Kg			10/16/24 01:40	10

Client Sample ID: T-1 (9')

Lab Sample ID: 880-49784-10
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 02:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 02:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 02:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 02:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 02:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:56*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/15/24 11:02*	*10/16/24 02:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (9')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-10
Matrix: Solid

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			10/16/24 02:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 20:23	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		10/15/24 12:49	10/16/24 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 20:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:23*	*1*
o-Terphenyl	*85*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7130**		99.6		mg/Kg			10/16/24 01:45	10

Client Sample ID: T-1 (10')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-11
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		10/15/24 11:02	10/16/24 04:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 04:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 04:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 04:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 04:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:02*	*10/16/24 04:46*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:02*	*10/16/24 04:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 04:46	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			10/16/24 20:55	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		10/15/24 12:49	10/16/24 20:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 20:55	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (10')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:55*	*1*
o-Terphenyl	*86*		*70 - 130*	*10/15/24 12:49*	*10/16/24 20:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6870**		100		mg/Kg			10/16/24 02:01	10

Client Sample ID: T-1 (11')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-12
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		10/15/24 11:02	10/16/24 05:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:07*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:07*	*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			10/16/24 05:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 21:11	1

Method: SW846 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		10/15/24 12:49	10/16/24 21:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 21:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:11*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3980**		99.2		mg/Kg			10/16/24 02:07	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (12')

Lab Sample ID: 880-49784-13
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 05:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:27*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:27*	*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			10/16/24 05:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 21:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 21:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:27*	*1*
o-Terphenyl	*90*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1590**		49.5		mg/Kg			10/16/24 02:23	5

Client Sample ID: T-1 (13')

Lab Sample ID: 880-49784-14
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 05:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 05:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:48*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:02*	*10/16/24 05:48*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (13')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/24 05:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 21:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 21:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:43*	*1*
o-Terphenyl	*97*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		9.92		mg/Kg			10/16/24 02:28	1

Client Sample ID: T-1 (14')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-15
Matrix: Solid

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		10/15/24 11:02	10/16/24 06:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 06:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 06:08	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:02	10/16/24 06:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 06:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:02	10/16/24 06:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:08*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:08*	*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			10/16/24 06:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 21:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 21:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (14')

Lab Sample ID: 880-49784-15
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:49	10/16/24 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:59*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/15/24 12:49*	*10/16/24 21:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/16/24 02:34	1

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-49784-16
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 06:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 06:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 06:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 06:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 06:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 06:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:29*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:29*	*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			10/16/24 06:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 22:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*52*	*S1-*	*70 - 130*	*10/15/24 12:49*	*10/16/24 22:15*	*1*
o-Terphenyl	*47*	*S1-*	*70 - 130*	*10/15/24 12:49*	*10/16/24 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**309**		9.96		mg/Kg			10/16/24 02:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-49784-17
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 06:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 06:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 06:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:02	10/16/24 06:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/16/24 06:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:02	10/16/24 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:49*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/15/24 11:02*	*10/16/24 06:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/16/24 06:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 22:30	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	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 22:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 22:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*10/15/24 12:49*	*10/16/24 22:30*	*1*
o-Terphenyl	*89*		*70 - 130*	*10/15/24 12:49*	*10/16/24 22:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**539**		9.92		mg/Kg			10/16/24 02:45	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-49784-18
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 07:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 07:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 07:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 07:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:02	10/16/24 07:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:02	10/16/24 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:09*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:09*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-18
Matrix: Solid

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			10/16/24 07:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.0**		49.9		mg/Kg			10/16/24 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	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 22:47	1
Diesel Range Organics (Over C10-C28)	**72.0**		49.9		mg/Kg		10/15/24 12:49	10/16/24 22:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:49	10/16/24 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/15/24 12:49*	*10/16/24 22:47*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:49*	*10/16/24 22:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**910**		10.0		mg/Kg			10/16/24 02:50	1

Client Sample ID: T-2 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-19
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		10/15/24 11:02	10/16/24 07:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 07:30	1
Ethylbenzene	**0.00238**		0.00201		mg/Kg		10/15/24 11:02	10/16/24 07:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 07:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:02	10/16/24 07:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:02	10/16/24 07:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:30*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:30*	*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			10/16/24 07:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 23:02	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	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 23:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 23:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-49784-19
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/15/24 12:49*	*10/16/24 23:02*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:49*	*10/16/24 23:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2520**		50.1		mg/Kg			10/16/24 02:56	5

Client Sample ID: T-2 (4')

Lab Sample ID: 880-49784-20
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:02	10/16/24 07:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 07:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 07:50	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:02	10/16/24 07:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:02	10/16/24 07:50	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:02	10/16/24 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:50*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:02*	*10/16/24 07:50*	*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			10/16/24 07:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**614**		49.8		mg/Kg			10/16/24 23:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 23:19	1
Diesel Range Organics (Over C10-C28)	**614**		49.8		mg/Kg		10/15/24 12:49	10/16/24 23:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:49	10/16/24 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*10/15/24 12:49*	*10/16/24 23:19*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/15/24 12:49*	*10/16/24 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3920**	**F1**	50.2		mg/Kg			10/16/24 22:28	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-21

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		10/15/24 11:08	10/15/24 22:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:08	10/15/24 22:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:08	10/15/24 22:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/15/24 11:08	10/15/24 22:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:08	10/15/24 22:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/15/24 11:08	10/15/24 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/15/24 11:08*	*10/15/24 22:46*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/15/24 22:46*	*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			10/15/24 22:46	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			10/17/24 17:02	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	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 17:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 17:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:52*	*10/17/24 17:02*	*1*
o-Terphenyl	*97*		*70 - 130*	*10/15/24 12:52*	*10/17/24 17:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8090**		101		mg/Kg			10/16/24 22:44	10

Client Sample ID: T-2 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-22

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		10/15/24 11:08	10/15/24 23:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/15/24 23:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/15/24 23:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/15/24 23:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/15/24 23:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/15/24 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 17:49	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	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 17:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 17:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*10/15/24 12:52*	*10/17/24 17:49*	*1*
o-Terphenyl	*91*		*70 - 130*	*10/15/24 12:52*	*10/17/24 17:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**534**		10.0		mg/Kg			10/16/24 22:49	1

Client Sample ID: T-2 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-23
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		10/15/24 11:08	10/15/24 23:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:08	10/15/24 23:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:08	10/15/24 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:27*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:27*	*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			10/15/24 23:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 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	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 18:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 18:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (7')

Lab Sample ID: 880-49784-23
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:05*	*1*
o-Terphenyl	*103*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5580**		101		mg/Kg			10/16/24 22:54	10

Client Sample ID: T-2 (8')

Lab Sample ID: 880-49784-24
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/15/24 23:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:08	10/15/24 23:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 23:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:08	10/15/24 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:47*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:08*	*10/15/24 23:47*	*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			10/15/24 23:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:21*	*1*
o-Terphenyl	*96*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3420**		50.0		mg/Kg			10/16/24 23:00	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (9')

Lab Sample ID: 880-49784-25
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 00:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 00:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 00:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 00:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 00:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:08*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:08*	*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			10/16/24 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:38*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4050**		50.0		mg/Kg			10/16/24 23:16	5

Client Sample ID: T-2 (10')

Lab Sample ID: 880-49784-26
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 00:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 00:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 00:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:08	10/16/24 00:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 00:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:08	10/16/24 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:29*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:29*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (10')

Lab Sample ID: 880-49784-26
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/24 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 18:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 18:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:54*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/15/24 12:52*	*10/17/24 18:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		9.92		mg/Kg			10/16/24 23:21	1

Client Sample ID: T-2 (11')

Lab Sample ID: 880-49784-27
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 00:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 00:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 00:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 00:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 00:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:49*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 00:49*	*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			10/16/24 00:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/24 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 19:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 19:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (11')

Lab Sample ID: 880-49784-27
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:12*	*1*
o-Terphenyl	*86*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/16/24 23:27	1

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-49784-28
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 01:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:08	10/16/24 01:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:08	10/16/24 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:10*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/16/24 01:10	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			10/17/24 19:28	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	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:28*	*1*
o-Terphenyl	*83*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3090**		50.3		mg/Kg			10/16/24 23:32	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-49784-29
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 01:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:08	10/16/24 01:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 01:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:08	10/16/24 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/16/24 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 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	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:45*	*1*
o-Terphenyl	*86*		*70 - 130*	*10/15/24 12:52*	*10/17/24 19:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3640**		50.0		mg/Kg			10/16/24 23:38	5

Client Sample ID: T-3 (2')

Lab Sample ID: 880-49784-30
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 01:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 01:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 01:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 01:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 01:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:51*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 01:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-30
Matrix: Solid

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			10/16/24 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:01*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4060**	**F1**	49.9		mg/Kg			10/16/24 23:43	5

Client Sample ID: T-3 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-31
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		10/15/24 11:08	10/16/24 03:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 03:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 03:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 03:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 03:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:08*	*10/16/24 03:25*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:08*	*10/16/24 03:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 03:25	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			10/17/24 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 20:34	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 20:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3')

Lab Sample ID: 880-49784-31
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:34*	*1*
o-Terphenyl	*80*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5680**		99.2		mg/Kg			10/16/24 23:59	10

Client Sample ID: T-3 (4')

Lab Sample ID: 880-49784-32
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 03:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 03:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 03:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 03:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 03:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:08*	*10/16/24 03:46*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 03:46*	*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			10/16/24 03:46	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			10/17/24 20:49	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	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:49*	*1*
o-Terphenyl	*83*		*70 - 130*	*10/15/24 12:52*	*10/17/24 20:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10000**		202		mg/Kg			10/17/24 00:04	20

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-33
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		10/15/24 11:08	10/16/24 04:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 04:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/24 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	<50.0	U	50.0		mg/Kg			10/17/24 21:06	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		10/15/24 12:52	10/17/24 21:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:06*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2780**		49.7		mg/Kg			10/17/24 00:21	5

Client Sample ID: T-3 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-34
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		10/15/24 11:08	10/16/24 04:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 04:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 04:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:27*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:27*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-34
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/24 04:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 21:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 21:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 21:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:21*	*1*
o-Terphenyl	*88*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5200**		99.6		mg/Kg			10/17/24 00:26	10

Client Sample ID: T-3 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-35
Matrix: Solid

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		10/15/24 11:08	10/16/24 04:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 04:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 04:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:08	10/16/24 04:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 04:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:08	10/16/24 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:47*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 04:47*	*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			10/16/24 04:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/24 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 21:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 21:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (7')

Lab Sample ID: 880-49784-35
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:38*	*1*
o-Terphenyl	*87*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5020**		99.2		mg/Kg			10/17/24 00:31	10

Client Sample ID: T-3 (8')

Lab Sample ID: 880-49784-36
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:08	10/16/24 05:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 05:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:08*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:08*	*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			10/16/24 05:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:53*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 12:52*	*10/17/24 21:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4990**		100		mg/Kg			10/17/24 00:37	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (9')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-37
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		10/15/24 11:08	10/16/24 05:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 05:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 05:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:08	10/16/24 05:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/16/24 05:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:08	10/16/24 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:28*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/16/24 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	<49.9	U	49.9		mg/Kg			10/17/24 22:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 22:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 22:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:52	10/17/24 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:09*	*1*
o-Terphenyl	*92*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7050**		99.6		mg/Kg			10/17/24 00:42	10

Client Sample ID: T-3 (10')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-38
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		10/15/24 11:08	10/16/24 05:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 05:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:08	10/16/24 05:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:08	10/16/24 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:49*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 05:49*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (10')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-38
Matrix: Solid

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			10/16/24 05:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 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	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 22:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 22:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:52	10/17/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:25*	*1*
o-Terphenyl	*83*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6180**		100		mg/Kg			10/17/24 00:48	10

Client Sample ID: T-3 (11')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-39
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		10/15/24 11:08	10/16/24 06:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 06:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 06:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 06:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:08	10/16/24 06:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:08	10/16/24 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 06:09*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:08*	*10/16/24 06:09*	*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			10/16/24 06:09	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			10/17/24 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 22:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (11')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-39

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:41*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7460**		101		mg/Kg			10/17/24 00:53	10

Client Sample ID: T-3 (12')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-40

Matrix: Solid

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		10/15/24 11:08	10/16/24 06:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 06:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 06:30	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:08	10/16/24 06:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:08	10/16/24 06:30	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:08	10/16/24 06:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:08*	*10/16/24 06:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:08*	*10/16/24 06:30*	*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			10/16/24 06:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 22:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 22:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:52	10/17/24 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:59*	*1*
o-Terphenyl	*82*		*70 - 130*	*10/15/24 12:52*	*10/17/24 22:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4680**	**F1**	99.2		mg/Kg			10/17/24 07:32	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (13')

Lab Sample ID: 880-49784-41
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 21:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/15/24 21:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/15/24 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:10*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:10*	*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			10/15/24 21:10	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			10/16/24 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 17:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 17:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/15/24 12:55*	*10/16/24 17:31*	*1*
o-Terphenyl	*122*		*70 - 130*	*10/15/24 12:55*	*10/16/24 17:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5930**		99.6		mg/Kg			10/17/24 07:53	10

Client Sample ID: T-3 (14')

Lab Sample ID: 880-49784-42
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 21:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/15/24 21:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/15/24 21:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/15/24 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:31*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:31*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (14')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-42
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 21:31	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			10/16/24 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	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 18:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 18:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 18:17*	*1*
o-Terphenyl	*122*		*70 - 130*	*10/15/24 12:55*	*10/16/24 18:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4670**		99.2		mg/Kg			10/17/24 07:59	10

Client Sample ID: T-3 (15')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-43
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		10/15/24 11:09	10/15/24 21:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 21:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 21:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/15/24 21:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 21:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/15/24 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:51*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/15/24 11:09*	*10/15/24 21:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 18:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 18:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (15')

Lab Sample ID: 880-49784-43
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/15/24 12:55*	*10/16/24 18:33*	*1*
o-Terphenyl	*119*		*70 - 130*	*10/15/24 12:55*	*10/16/24 18:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/17/24 08:06	1

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-49784-44
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 22:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:12	1
Ethylbenzene	**0.00453**		0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:12	1
m-Xylene & p-Xylene	**0.0199**		0.00401		mg/Kg		10/15/24 11:09	10/15/24 22:12	1
o-Xylene	**0.00623**		0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:12	1
Xylenes, Total	**0.0261**		0.00401		mg/Kg		10/15/24 11:09	10/15/24 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:12*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0307**		0.00401		mg/Kg			10/15/24 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 18:48	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	<49.7	U	49.7		mg/Kg		10/15/24 12:55	10/16/24 18:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 12:55	10/16/24 18:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:55	10/16/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 18:48*	*1*
o-Terphenyl	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 18:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3040**		49.8		mg/Kg			10/17/24 08:13	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-49784-45
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 22:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 22:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 22:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/15/24 22:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/15/24 22:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/15/24 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:32*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 22:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 19:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 19:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 19:03*	*1*
o-Terphenyl	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**185**		10.0		mg/Kg			10/17/24 08:34	1

Client Sample ID: T-4 (2')

Lab Sample ID: 880-49784-46
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 22:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:09	10/15/24 22:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 22:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:09	10/15/24 22:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:53*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/15/24 22:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-46
Matrix: Solid

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			10/15/24 22:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:21*	*1*
o-Terphenyl	*106*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/17/24 08:41	1

Client Sample ID: T-4 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-47
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		10/15/24 11:09	10/15/24 23:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:09	10/15/24 23:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:09	10/15/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:13*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/15/24 23:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (3')

Lab Sample ID: 880-49784-47
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:36*	*1*
o-Terphenyl	*105*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/17/24 08:48	1

Client Sample ID: T-4 (4')

Lab Sample ID: 880-49784-48
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/15/24 23:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/15/24 23:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/15/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:34*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:34*	*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			10/15/24 23:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 19:51	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		10/15/24 12:55	10/16/24 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 19:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:51*	*1*
o-Terphenyl	*116*		*70 - 130*	*10/15/24 12:55*	*10/16/24 19:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			10/17/24 08:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-49

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		10/15/24 11:09	10/15/24 23:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/15/24 23:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 23:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/15/24 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:55*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:09*	*10/15/24 23:55*	*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			10/15/24 23:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 20:08	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	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 20:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 20:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*10/15/24 12:55*	*10/16/24 20:08*	*1*
o-Terphenyl	*117*		*70 - 130*	*10/15/24 12:55*	*10/16/24 20:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3300**		49.8		mg/Kg			10/17/24 09:01	5

Client Sample ID: T-5 (1.5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-50

Matrix: Solid

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		10/15/24 11:09	10/16/24 00:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 00:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 00:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 00:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 00:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/16/24 00:15*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:09*	*10/16/24 00:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-49784-50
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 20:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 20:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 20:23*	*1*
o-Terphenyl	*129*		*70 - 130*	*10/15/24 12:55*	*10/16/24 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1220**	**F1**	50.0		mg/Kg			10/17/24 09:08	5

Client Sample ID: T-5 (2')

Lab Sample ID: 880-49784-51
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 01:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 01:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 01:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 01:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 01:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*10/15/24 11:09*	*10/16/24 01:40*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:09*	*10/16/24 01:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 01:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 20:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 20:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 20:55	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-51
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*10/15/24 12:55*	*10/16/24 20:55*	*1*
o-Terphenyl	*129*		*70 - 130*	*10/15/24 12:55*	*10/16/24 20:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1300**		50.2		mg/Kg			10/17/24 09:29	5

Client Sample ID: T-5 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-52
Matrix: Solid

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		10/15/24 11:09	10/16/24 02:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:00	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 02:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:00*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:00*	*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			10/16/24 02:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 21:11	1

Method: SW846 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		10/15/24 12:55	10/16/24 21:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 21:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:11*	*1*
o-Terphenyl	*113*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2140**		50.4		mg/Kg			10/17/24 09:36	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-49784-53
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 02:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/16/24 02:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/16/24 02:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/16/24 02:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:09	10/16/24 02:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:09	10/16/24 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:21*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:21*	*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			10/16/24 02:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 21:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 21:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:27*	*1*
o-Terphenyl	*115*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2440**		50.3		mg/Kg			10/17/24 09:56	5

Client Sample ID: T-5 (5')

Lab Sample ID: 880-49784-54
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 02:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:41	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:09	10/16/24 02:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 02:41	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:09	10/16/24 02:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:41*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:09*	*10/16/24 02:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-54
Matrix: Solid

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			10/16/24 02:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 21:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:43*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4350**		101		mg/Kg			10/17/24 10:03	10

Client Sample ID: T-5 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-55
Matrix: Solid

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		10/15/24 11:09	10/16/24 03:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 03:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 03:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 03:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 03:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:09	10/16/24 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:02*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/16/24 03:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 21:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (6')

Lab Sample ID: 880-49784-55
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:55	10/16/24 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:59*	*1*
o-Terphenyl	*112*		*70 - 130*	*10/15/24 12:55*	*10/16/24 21:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3340**		50.1		mg/Kg			10/17/24 10:10	5

Client Sample ID: T-5 (7')

Lab Sample ID: 880-49784-56
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 03:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 03:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 03:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 03:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 03:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:22*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 03:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 22:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:15*	*1*
o-Terphenyl	*116*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2550**		49.8		mg/Kg			10/17/24 10:17	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (8')

Lab Sample ID: 880-49784-57
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 03:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 03:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 03:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:09	10/16/24 03:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 03:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:09	10/16/24 03:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:43*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:09*	*10/16/24 03:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/16/24 03:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 22:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:30*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3030**		49.6		mg/Kg			10/17/24 10:24	5

Client Sample ID: T-5 (9')

Lab Sample ID: 880-49784-58
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 04:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 04:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 04:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 04:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:09	10/16/24 04:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:09	10/16/24 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:04*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (9')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-58
Matrix: Solid

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			10/16/24 04:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 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	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 22:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 22:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:55	10/16/24 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:47*	*1*
o-Terphenyl	*120*		*70 - 130*	*10/15/24 12:55*	*10/16/24 22:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11400**		202		mg/Kg			10/17/24 10:31	20

Client Sample ID: T-5 (10')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-59
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		10/15/24 11:09	10/16/24 04:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 04:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 04:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/16/24 04:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/16/24 04:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:09	10/16/24 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:24*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/16/24 04:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 23:02	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	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (10')

Lab Sample ID: 880-49784-59
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:55*	*10/16/24 23:02*	*1*
o-Terphenyl	*118*		*70 - 130*	*10/15/24 12:55*	*10/16/24 23:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5660**		99.4		mg/Kg			10/17/24 10:38	10

Client Sample ID: T-5 (11')

Lab Sample ID: 880-49784-60
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:09	10/16/24 04:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 04:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 04:45	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:09	10/16/24 04:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:09	10/16/24 04:45	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:09	10/16/24 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:45*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:09*	*10/16/24 04:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/16/24 04:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 23:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/15/24 12:55*	*10/16/24 23:19*	*1*
o-Terphenyl	*113*		*70 - 130*	*10/15/24 12:55*	*10/16/24 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1750**	**F1**	49.7		mg/Kg			10/17/24 01:36	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (12')

Lab Sample ID: 880-49784-61
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/15/24 22:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 22:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 22:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/15/24 22:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 22:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/15/24 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 22:41*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 11:12*	*10/15/24 22:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 22:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 17:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*10/15/24 12:57*	*10/17/24 17:02*	*1*
o-Terphenyl	*111*		*70 - 130*	*10/15/24 12:57*	*10/17/24 17:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1880**		49.6		mg/Kg			10/17/24 01:52	5

Client Sample ID: T-5 (13')

Lab Sample ID: 880-49784-62
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/15/24 23:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 23:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 23:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/15/24 23:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/15/24 23:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/15/24 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 23:02*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/15/24 23:02*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (13')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-62
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/15/24 23:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 17:49	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	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 17:49*	*1*
o-Terphenyl	*134*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 17:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1990**		49.7		mg/Kg			10/17/24 01:58	5

Client Sample ID: T-5 (14')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-63
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		10/15/24 11:12	10/15/24 23:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/15/24 23:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/15/24 23:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/15/24 23:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/15/24 23:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/15/24 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 23:22*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:12*	*10/15/24 23:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/15/24 23:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 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		10/15/24 12:57	10/17/24 18:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 18:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (14')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-63

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 18:05*	*1*
o-Terphenyl	*127*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			10/17/24 02:03	1

Client Sample ID: T-6 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-64

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		10/15/24 11:12	10/15/24 23:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 23:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 23:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/15/24 23:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 23:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/15/24 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 23:42*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:12*	*10/15/24 23:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/15/24 23:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 18:21	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		10/15/24 12:57	10/17/24 18:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 18:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 18:21*	*1*
o-Terphenyl	*125*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**615**		10.0		mg/Kg			10/17/24 02:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-49784-65
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 00:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 00:03*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:12*	*10/16/24 00:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/16/24 00:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 18:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:38*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		10.0		mg/Kg			10/17/24 02:25	1

Client Sample ID: T-6 (2')

Lab Sample ID: 880-49784-66
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 00:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:12	10/16/24 00:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:12	10/16/24 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 00:23*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 00:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-66
Matrix: Solid

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			10/16/24 00:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 18:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:54	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 18:54*	*1*
o-Terphenyl	*129*		*70 - 130*	*10/15/24 12:57*	*10/17/24 18:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1890**		50.2		mg/Kg			10/17/24 02:30	5

Client Sample ID: T-6 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-67
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		10/15/24 11:12	10/16/24 00:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:12	10/16/24 00:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 00:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:12	10/16/24 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 00:44*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 00:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/16/24 00:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 19:12	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		10/15/24 12:57	10/17/24 19:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-67
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:12*	*1*
o-Terphenyl	*118*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2920**		50.4		mg/Kg			10/17/24 02:35	5

Client Sample ID: T-6 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-68
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		10/15/24 11:12	10/16/24 01:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 01:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 01:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 01:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 01:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 01:04*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 01:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 01:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 19:28	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	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:28*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5630**		101		mg/Kg			10/17/24 02:41	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (5')

Lab Sample ID: 880-49784-69
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 01:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 01:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 01:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 01:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 01:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 01:25*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 01:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/16/24 01:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 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	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 19:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:45*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 19:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3620**		49.6		mg/Kg			10/17/24 02:46	5

Client Sample ID: T-6 (6')

Lab Sample ID: 880-49784-70
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 01:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 01:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 01:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:12	10/16/24 01:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 01:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:12	10/16/24 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 01:45*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 01:45*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (6')

Lab Sample ID: 880-49784-70
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 01:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 20:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 20:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 20:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 20:01*	*1*
o-Terphenyl	*126*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3910**	**F1**	99.6		mg/Kg			10/17/24 02:52	10

Client Sample ID: T-6 (7')

Lab Sample ID: 880-49784-71
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 03:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 03:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 03:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/16/24 03:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 03:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/16/24 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 03:19*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/15/24 11:12*	*10/16/24 03:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/24 03:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/24 20:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-71
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:34*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3080**		50.0		mg/Kg			10/17/24 03:08	5

Client Sample ID: T-6 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-72
Matrix: Solid

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		10/15/24 11:12	10/16/24 03:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 03:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 03:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/15/24 11:12	10/16/24 03:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 03:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/15/24 11:12	10/16/24 03:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 03:40*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 03:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/16/24 03:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/24 20:49	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	<49.9	U	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 12:57	10/17/24 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:49*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 20:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**310**		10.0		mg/Kg			10/17/24 03:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (9')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-73
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		10/15/24 11:12	10/16/24 04:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:12	10/16/24 04:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:12	10/16/24 04:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/15/24 11:12	10/16/24 04:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:12	10/16/24 04:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/24 11:12	10/16/24 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 04:00*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 04:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/16/24 04:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 21:06	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		10/15/24 12:57	10/17/24 21:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 21:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 21:06*	*1*
o-Terphenyl	*126*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			10/17/24 03:30	1

Client Sample ID: T-7 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-74
Matrix: Solid

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		10/15/24 11:12	10/16/24 04:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 04:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 04:21	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:12	10/16/24 04:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:12	10/16/24 04:21	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:12	10/16/24 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 04:21*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 04:21*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-49784-74
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			10/16/24 04:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 21:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*159*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 21:21*	*1*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 21:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**433**		10.1		mg/Kg			10/17/24 03:35	1

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-49784-75
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 04:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 04:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 04:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 04:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 04:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 04:41*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/15/24 11:12*	*10/16/24 04:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/16/24 04:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 21:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-49784-75
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:38*	*1*
o-Terphenyl	*107*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2250**		50.0		mg/Kg			10/17/24 03:40	5

Client Sample ID: T-7 (2')

Lab Sample ID: 880-49784-76
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:12	10/16/24 05:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 05:01*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 05:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 05:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/24 21:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 21:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		10/15/24 12:57	10/17/24 21:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 12:57	10/17/24 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:53*	*1*
o-Terphenyl	*117*		*70 - 130*	*10/15/24 12:57*	*10/17/24 21:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2700**		50.2		mg/Kg			10/17/24 03:46	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-77
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		10/15/24 11:12	10/16/24 05:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 05:22*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 05:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 05:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 22:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 22:09*	*1*
o-Terphenyl	*121*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2960**		50.5		mg/Kg			10/17/24 03:51	5

Client Sample ID: T-7 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-78
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		10/15/24 11:12	10/16/24 05:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:12	10/16/24 05:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:12	10/16/24 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 05:42*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 05:42*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-78
Matrix: Solid

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			10/16/24 05:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/24 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	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 22:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		10/15/24 12:57	10/17/24 22:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 12:57	10/17/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:25*	*1*
o-Terphenyl	*114*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4700**		99.6		mg/Kg			10/17/24 03:57	10

Client Sample ID: T-7 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-79
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		10/15/24 11:12	10/16/24 06:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 06:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 06:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 06:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/16/24 06:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:12	10/16/24 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 06:03*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 06:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/16/24 06:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 22:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-79
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 22:41*	*1*
o-Terphenyl	*124*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6750**		99.2		mg/Kg			10/17/24 04:02	10

Client Sample ID: T-7 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-80
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		10/15/24 11:12	10/16/24 06:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 06:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 06:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/16/24 06:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:12	10/16/24 06:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:12	10/16/24 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/16/24 06:23*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/15/24 11:12*	*10/16/24 06:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/24 06:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/24 22:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*10/15/24 12:57*	*10/17/24 22:59*	*1*
o-Terphenyl	*123*		*70 - 130*	*10/15/24 12:57*	*10/17/24 22:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5760**	**F1**	100		mg/Kg			10/19/24 15:59	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (7')

Lab Sample ID: 880-49784-81
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 11:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:15	10/16/24 11:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:15	10/16/24 11:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/15/24 11:15	10/16/24 11:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/15/24 11:15	10/16/24 11:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/15/24 11:15	10/16/24 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:14*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/16/24 11:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 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	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 19:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 19:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*10/15/24 13:00*	*10/16/24 19:23*	*1*
o-Terphenyl	*99*		*70 - 130*	*10/15/24 13:00*	*10/16/24 19:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**462**		10.1		mg/Kg			10/19/24 16:20	1

Client Sample ID: T-7 (8')

Lab Sample ID: 880-49784-82
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 11:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 11:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 11:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 11:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 11:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:34*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-82
Matrix: Solid

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			10/16/24 11:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/16/24 20:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:08	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:08	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:08*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			10/19/24 16:27	1

Client Sample ID: T-8 (0-1')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-83
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		10/15/24 11:15	10/16/24 11:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 11:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 11:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:15	10/16/24 11:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 11:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:15	10/16/24 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:54*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:15*	*10/16/24 11:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/16/24 11:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/24 20:23	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		10/15/24 13:00	10/16/24 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 20:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-49784-83
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:23*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**281**		9.92		mg/Kg			10/19/24 16:34	1

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-49784-84
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 12:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:15	10/16/24 12:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:15	10/16/24 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:15*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:15*	*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			10/16/24 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/16/24 20:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:38	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:38	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/15/24 13:00	10/16/24 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:38*	*1*
o-Terphenyl	*94*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1390**		10.1		mg/Kg			10/19/24 16:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (2')

Lab Sample ID: 880-49784-85
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 12:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 12:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 12:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 12:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 12:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:35*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:35*	*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			10/16/24 12:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 20:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 20:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 20:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:53*	*1*
o-Terphenyl	*99*		*70 - 130*	*10/15/24 13:00*	*10/16/24 20:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2800**		50.2		mg/Kg			10/19/24 17:01	5

Client Sample ID: T-8 (3')

Lab Sample ID: 880-49784-86
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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		10/15/24 11:15	10/16/24 12:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/15/24 11:15	10/16/24 12:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 12:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/15/24 11:15	10/16/24 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:56*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:15*	*10/16/24 12:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-86
Matrix: Solid

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			10/16/24 12:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 21:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:08	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:08*	*1*
o-Terphenyl	*98*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4410**		101		mg/Kg			10/19/24 17:08	10

Client Sample ID: T-8 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-87
Matrix: Solid

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		10/15/24 11:15	10/16/24 13:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:15	10/16/24 13:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:15	10/16/24 13:16	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/15/24 11:15	10/16/24 13:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/15/24 11:15	10/16/24 13:16	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/15/24 11:15	10/16/24 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:16*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:16*	*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			10/16/24 13:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 21:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-87
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:23*	*1*
o-Terphenyl	*92*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5830**		101		mg/Kg			10/19/24 17:15	10

Client Sample ID: T-8 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-88
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		10/15/24 11:15	10/16/24 13:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:15	10/16/24 13:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:15	10/16/24 13:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/15/24 11:15	10/16/24 13:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/15/24 11:15	10/16/24 13:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/15/24 11:15	10/16/24 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:37*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/16/24 13:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/16/24 21:37	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		10/15/24 13:00	10/16/24 21:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/15/24 13:00	10/16/24 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:37*	*1*
o-Terphenyl	*95*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5100**		101		mg/Kg			10/19/24 17:22	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-89
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		10/15/24 11:15	10/16/24 13:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 13:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 13:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/15/24 11:15	10/16/24 13:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 13:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/15/24 11:15	10/16/24 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:57*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/15/24 11:15*	*10/16/24 13:57*	*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			10/16/24 13:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/24 21:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/15/24 13:00	10/16/24 21:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/15/24 13:00	10/16/24 21:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/15/24 13:00	10/16/24 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:52*	*1*
o-Terphenyl	*91*		*70 - 130*	*10/15/24 13:00*	*10/16/24 21:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2390**		49.8		mg/Kg			10/19/24 17:29	5

Client Sample ID: T-8 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-90
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		10/15/24 11:15	10/16/24 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 14:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*10/15/24 11:15*	*10/16/24 14:17*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/15/24 11:15*	*10/16/24 14:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-90
Matrix: Solid

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			10/16/24 14:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 22:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*10/15/24 13:00*	*10/16/24 22:07*	*1*
o-Terphenyl	*93*		*70 - 130*	*10/15/24 13:00*	*10/16/24 22:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.0**	**F1**	10.0		mg/Kg			10/19/24 17:36	1

Client Sample ID: T-8 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-91
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		10/15/24 11:15	10/16/24 15:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 15:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 15:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 15:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/15/24 11:15	10/16/24 15:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/15/24 11:15	10/16/24 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/15/24 11:15*	*10/16/24 15:41*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/15/24 11:15*	*10/16/24 15:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/16/24 15:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/24 22:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (8')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-91
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/15/24 13:00	10/16/24 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*10/15/24 13:00*	*10/16/24 22:36*	*1*
o-Terphenyl	*99*		*70 - 130*	*10/15/24 13:00*	*10/16/24 22:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			10/19/24 17:57	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-49784-1	T-1 (0-1')	97	102
880-49784-1 MS	T-1 (0-1')	116	101
880-49784-1 MSD	T-1 (0-1')	112	108
880-49784-2	T-1 (1.5')	107	109
880-49784-3	T-1 (2')	117	105
880-49784-4	T-1 (3')	117	107
880-49784-5	T-1 (4')	119	106
880-49784-6	T-1 (5')	123	114
880-49784-7	T-1 (6')	123	116
880-49784-8	T-1 (7')	134 S1+	122
880-49784-9	T-1 (8')	130	120
880-49784-10	T-1 (9')	123	114
880-49784-11	T-1 (10')	90	105
880-49784-12	T-1 (11')	112	113
880-49784-13	T-1 (12')	114	109
880-49784-14	T-1 (13')	110	110
880-49784-15	T-1 (14')	123	112
880-49784-16	T-2 (0-1')	122	116
880-49784-17	T-2 (1.5')	123	114
880-49784-18	T-2 (2')	115	106
880-49784-19	T-2 (3')	119	111
880-49784-20	T-2 (4')	107	110
880-49784-21	T-2 (5')	103	99
880-49784-21 MS	T-2 (5')	108	102
880-49784-21 MSD	T-2 (5')	107	102
880-49784-22	T-2 (6')	104	100
880-49784-23	T-2 (7')	105	101
880-49784-24	T-2 (8')	100	101
880-49784-25	T-2 (9')	104	100
880-49784-26	T-2 (10')	103	100
880-49784-27	T-2 (11')	102	100
880-49784-28	T-3 (0-1')	112	99
880-49784-29	T-3 (1.5')	102	99
880-49784-30	T-3 (2')	102	99
880-49784-31	T-3 (3')	101	98
880-49784-32	T-3 (4')	104	100
880-49784-33	T-3 (5')	103	100
880-49784-34	T-3 (6')	105	100
880-49784-35	T-3 (7')	102	99
880-49784-36	T-3 (8')	105	99
880-49784-37	T-3 (9')	102	100
880-49784-38	T-3 (10')	98	99
880-49784-39	T-3 (11')	99	100
880-49784-40	T-3 (12')	102	99
880-49784-41	T-3 (13')	91	89
880-49784-41 MS	T-3 (13')	116	112
880-49784-41 MSD	T-3 (13')	114	111
880-49784-42	T-3 (14')	92	90
880-49784-43	T-3 (15')	98	94

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-49784-44	T-4 (0-1')	86	94								
880-49784-45	T-4 (1.5')	95	88								
880-49784-46	T-4 (2')	92	89								
880-49784-47	T-4 (3')	93	96								
880-49784-48	T-4 (4')	93	92								
880-49784-49	T-5 (0-1')	89	99								
880-49784-50	T-5 (1.5')	90	101								
880-49784-51	T-5 (2')	86	97								
880-49784-52	T-5 (3')	89	97								
880-49784-53	T-5 (4')	90	93								
880-49784-54	T-5 (5')	90	100								
880-49784-55	T-5 (6')	88	97								
880-49784-56	T-5 (7')	89	96								
880-49784-57	T-5 (8')	90	100								
880-49784-58	T-5 (9')	95	94								
880-49784-59	T-5 (10')	91	99								
880-49784-60	T-5 (11')	87	98								
880-49784-61	T-5 (12')	146 S1+	90								
880-49784-61 MS	T-5 (12')	135 S1+	89								
880-49784-61 MSD	T-5 (12')	135 S1+	89								
880-49784-62	T-5 (13')	141 S1+	88								
880-49784-63	T-5 (14')	145 S1+	89								
880-49784-64	T-6 (0-1')	144 S1+	89								
880-49784-65	T-6 (1.5')	145 S1+	89								
880-49784-66	T-6 (2')	141 S1+	88								
880-49784-67	T-6 (3')	146 S1+	87								
880-49784-68	T-6 (4')	146 S1+	88								
880-49784-69	T-6 (5')	145 S1+	88								
880-49784-70	T-6 (6')	147 S1+	88								
880-49784-71	T-6 (7')	157 S1+	89								
880-49784-72	T-6 (8')	147 S1+	88								
880-49784-73	T-6 (9')	149 S1+	88								
880-49784-74	T-7 (0-1')	149 S1+	87								
880-49784-75	T-7 (1.5')	150 S1+	88								
880-49784-76	T-7 (2')	149 S1+	87								
880-49784-77	T-7 (3')	151 S1+	87								
880-49784-78	T-7 (4')	150 S1+	87								
880-49784-79	T-7 (5')	150 S1+	87								
880-49784-80	T-7 (6')	149 S1+	87								
880-49784-81	T-7 (7')	115	100								
880-49784-81 MS	T-7 (7')	101	101								
880-49784-81 MSD	T-7 (7')	112	102								
880-49784-82	T-7 (8')	106	104								
880-49784-83	T-8 (0-1')	109	100								
880-49784-84	T-8 (1.5')	104	101								
880-49784-85	T-8 (2')	109	100								
880-49784-86	T-8 (3')	106	101								
880-49784-87	T-8 (4')	112	98								
880-49784-88	T-8 (5')	104	102								
880-49784-89	T-8 (6')	110	101								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-49784-90	T-8 (7')	113	100
880-49784-91	T-8 (8')	110	102
LCS 880-93340/1-A	Lab Control Sample	107	104
LCS 880-93342/1-A	Lab Control Sample	111	111
LCS 880-93343/1-A	Lab Control Sample	134 S1+	89
LCS 880-93344/1-A	Lab Control Sample	106	102
LCSD 880-93340/2-A	Lab Control Sample Dup	99	97
LCSD 880-93342/2-A	Lab Control Sample Dup	105	107
LCSD 880-93343/2-A	Lab Control Sample Dup	134 S1+	89
LCSD 880-93344/2-A	Lab Control Sample Dup	101	103
MB 880-93307/8	Method Blank	83	96
MB 880-93310/5-A	Method Blank	128	90
MB 880-93311/5-A	Method Blank	160 S1+	106
MB 880-93340/5-A	Method Blank	186 S1+	124
MB 880-93342/5-A	Method Blank	86	94
MB 880-93343/5-A	Method Blank	134 S1+	86
MB 880-93344/5-A	Method Blank	106	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB2	DFBZ2
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
LCS 880-93341/1-A	Lab Control Sample	105	102
LCSD 880-93341/2-A	Lab Control Sample Dup	107	100
MB 880-93309/5-A	Method Blank	95	95
MB 880-93341/5-A	Method Blank	94	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-49784-1	T-1 (0-1')	111	90
880-49784-1 MS	T-1 (0-1')	100	87
880-49784-1 MSD	T-1 (0-1')	122	86
880-49784-2	T-1 (1.5')	110	86
880-49784-3	T-1 (2')	105	84
880-49784-4	T-1 (3')	115	93
880-49784-5	T-1 (4')	117	94
880-49784-6	T-1 (5')	112	89
880-49784-7	T-1 (6')	112	88

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
SDG: Lea 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)								
880-49784-8	T-1 (7')	113	89								
880-49784-9	T-1 (8')	113	90								
880-49784-10	T-1 (9')	109	85								
880-49784-11	T-1 (10')	110	86								
880-49784-12	T-1 (11')	112	90								
880-49784-13	T-1 (12')	114	90								
880-49784-14	T-1 (13')	124	97								
880-49784-15	T-1 (14')	115	89								
880-49784-16	T-2 (0-1')	52 S1-	47 S1-								
880-49784-17	T-2 (1.5')	115	89								
880-49784-18	T-2 (2')	107	88								
880-49784-19	T-2 (3')	107	84								
880-49784-20	T-2 (4')	104	112								
880-49784-21	T-2 (5')	120	97								
880-49784-21 MS	T-2 (5')	115	101								
880-49784-21 MSD	T-2 (5')	114	101								
880-49784-22	T-2 (6')	119	91								
880-49784-23	T-2 (7')	130	103								
880-49784-24	T-2 (8')	120	96								
880-49784-25	T-2 (9')	106	84								
880-49784-26	T-2 (10')	122	95								
880-49784-27	T-2 (11')	111	86								
880-49784-28	T-3 (0-1')	106	83								
880-49784-29	T-3 (1.5')	110	86								
880-49784-30	T-3 (2')	112	88								
880-49784-31	T-3 (3')	104	80								
880-49784-32	T-3 (4')	105	83								
880-49784-33	T-3 (5')	114	88								
880-49784-34	T-3 (6')	114	88								
880-49784-35	T-3 (7')	113	87								
880-49784-36	T-3 (8')	119	93								
880-49784-37	T-3 (9')	118	92								
880-49784-38	T-3 (10')	107	83								
880-49784-39	T-3 (11')	107	84								
880-49784-40	T-3 (12')	104	82								
880-49784-41	T-3 (13')	130	122								
880-49784-41 MS	T-3 (13')	120	119								
880-49784-41 MSD	T-3 (13')	120	118								
880-49784-42	T-3 (14')	132 S1+	122								
880-49784-43	T-3 (15')	130	119								
880-49784-44	T-4 (0-1')	132 S1+	120								
880-49784-45	T-4 (1.5')	131 S1+	120								
880-49784-46	T-4 (2')	120	106								
880-49784-47	T-4 (3')	120	105								
880-49784-48	T-4 (4')	128	116								
880-49784-49	T-5 (0-1')	127	117								
880-49784-50	T-5 (1.5')	141 S1+	129								
880-49784-51	T-5 (2')	142 S1+	129								
880-49784-52	T-5 (3')	124	113								
880-49784-53	T-5 (4')	126	115								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
SDG: Lea 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)								
880-49784-54	T-5 (5')	121	112								
880-49784-55	T-5 (6')	123	112								
880-49784-56	T-5 (7')	128	116								
880-49784-57	T-5 (8')	117	108								
880-49784-58	T-5 (9')	130	120								
880-49784-59	T-5 (10')	128	118								
880-49784-60	T-5 (11')	123	113								
880-49784-61	T-5 (12')	118	111								
880-49784-61 MS	T-5 (12')	132 S1+	133 S1+								
880-49784-61 MSD	T-5 (12')	130	132 S1+								
880-49784-62	T-5 (13')	143 S1+	134 S1+								
880-49784-63	T-5 (14')	139 S1+	127								
880-49784-64	T-6 (0-1')	135 S1+	125								
880-49784-65	T-6 (1.5')	122	114								
880-49784-66	T-6 (2')	140 S1+	129								
880-49784-67	T-6 (3')	128	118								
880-49784-68	T-6 (4')	120	114								
880-49784-69	T-6 (5')	121	114								
880-49784-70	T-6 (6')	134 S1+	126								
880-49784-71	T-6 (7')	122	114								
880-49784-72	T-6 (8')	125	114								
880-49784-73	T-6 (9')	139 S1+	126								
880-49784-74	T-7 (0-1')	159 S1+	142 S1+								
880-49784-75	T-7 (1.5')	117	107								
880-49784-76	T-7 (2')	127	117								
880-49784-77	T-7 (3')	131 S1+	121								
880-49784-78	T-7 (4')	123	114								
880-49784-79	T-7 (5')	133 S1+	124								
880-49784-80	T-7 (6')	133 S1+	123								
880-49784-81	T-7 (7')	102	99								
880-49784-81 MS	T-7 (7')	102	91								
880-49784-81 MSD	T-7 (7')	103	91								
880-49784-82	T-7 (8')	97	93								
880-49784-83	T-8 (0-1')	98	93								
880-49784-84	T-8 (1.5')	99	94								
880-49784-85	T-8 (2')	101	99								
880-49784-86	T-8 (3')	100	98								
880-49784-87	T-8 (4')	94	92								
880-49784-88	T-8 (5')	96	95								
880-49784-89	T-8 (6')	92	91								
880-49784-90	T-8 (7')	95	93								
880-49784-91	T-8 (8')	102	99								
LCS 880-93361/2-A	Lab Control Sample	79	109								
LCS 880-93362/2-A	Lab Control Sample	86	117								
LCS 880-93363/2-A	Lab Control Sample	98	149 S1+								
LCS 880-93364/2-A	Lab Control Sample	112	172 S1+								
LCS 880-93365/2-A	Lab Control Sample	130	117								
LCSD 880-93361/3-A	Lab Control Sample Dup	85	115								
LCSD 880-93362/3-A	Lab Control Sample Dup	94	129								
LCSD 880-93363/3-A	Lab Control Sample Dup	110	168 S1+								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-49784-1
Project/Site: NGL-Tie In
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
LCSD 880-93364/3-A	Lab Control Sample Dup	103	158 S1+								
LCSD 880-93365/3-A	Lab Control Sample Dup	128	115								
MB 880-93361/1-A	Method Blank	110	93								
MB 880-93362/1-A	Method Blank	102	84								
MB 880-93363/1-A	Method Blank	128	124								
MB 880-93364/1-A	Method Blank	107	100								
MB 880-93365/1-A	Method Blank	82	158 S1+								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-93307/8
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			10/15/24 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg			10/15/24 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			10/15/24 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			10/15/24 12:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			10/15/24 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			10/15/24 12:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*		*10/15/24 12:10*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*		*10/15/24 12:10*	*1*

Lab Sample ID: MB 880-93309/5-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93309

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:26	10/15/24 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:26	10/15/24 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 08:26*	*10/15/24 11:24*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 08:26*	*10/15/24 11:24*	*1*

Lab Sample ID: MB 880-93310/5-A
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93310

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:28	10/15/24 11:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:28	10/15/24 11:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*10/15/24 08:28*	*10/15/24 11:22*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/15/24 08:28*	*10/15/24 11:22*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-93311/5-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 08:30	10/15/24 11:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 08:30	10/15/24 11:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*70 - 130*	*10/15/24 08:30*	*10/15/24 11:46*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 08:30*	*10/15/24 11:46*	*1*

Lab Sample ID: MB 880-93340/5-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93340

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:02	10/15/24 23:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:02	10/15/24 23:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*186*	*S1+*	*70 - 130*	*10/15/24 11:02*	*10/15/24 23:24*	*1*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*10/15/24 11:02*	*10/15/24 23:24*	*1*

Lab Sample ID: LCS 880-93340/1-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09536		mg/Kg		95	70 - 130
Toluene	0.100	0.08514		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.1059		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2164		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1058		mg/Kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-93340/2-A
Matrix: Solid
Analysis Batch: 93308

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93340

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09377		mg/Kg		94	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-93340/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93308 — **Prep Batch: 93340**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09235		mg/Kg		92	70 - 130	8	35
Ethylbenzene			0.100	0.09655		mg/Kg		97	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.2016		mg/Kg		101	70 - 130	7	35
o-Xylene			0.100	0.1061		mg/Kg		106	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-49784-1 MS — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93308 — **Prep Batch: 93340**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.09606		mg/Kg		96	70 - 130
Toluene	<0.00202	U	0.100	0.08899		mg/Kg		89	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2045		mg/Kg		102	70 - 130
o-Xylene	<0.00202	U	0.100	0.1063		mg/Kg		106	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-49784-1 MSD — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93308 — **Prep Batch: 93340**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.1013		mg/Kg		101	70 - 130	5	35
Toluene	<0.00202	U	0.100	0.09140		mg/Kg		91	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.100	0.09662		mg/Kg		97	70 - 130	8	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2073		mg/Kg		104	70 - 130	1	35
o-Xylene	<0.00202	U	0.100	0.1203		mg/Kg		120	70 - 130	12	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-93341/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93305 — **Prep Batch: 93341**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 22:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 22:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 22:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:08	10/15/24 22:24	1

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-93341/5-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:08	10/15/24 22:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:08	10/15/24 22:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*10/15/24 11:08*	*10/15/24 22:24*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/15/24 11:08*	*10/15/24 22:24*	*1*

Lab Sample ID: LCS 880-93341/1-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08827		mg/Kg		88	70 - 130
Toluene	0.100	0.08671		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09470		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.1755		mg/Kg		88	70 - 130
o-Xylene	0.100	0.09790		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-93341/2-A
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93341

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09202		mg/Kg		92	70 - 130	4	35
Toluene	0.100	0.09086		mg/Kg		91	70 - 130	5	35
Ethylbenzene	0.100	0.09930		mg/Kg		99	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1856		mg/Kg		93	70 - 130	6	35
o-Xylene	0.100	0.1030		mg/Kg		103	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-49784-21 MS
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.08908		mg/Kg		89	70 - 130
Toluene	<0.00202	U	0.100	0.08807		mg/Kg		88	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.09597		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1766		mg/Kg		88	70 - 130
o-Xylene	<0.00202	U	0.100	0.09797		mg/Kg		98	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-49784-21 MS
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93341

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-49784-21 MSD
Matrix: Solid
Analysis Batch: 93305

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93341

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09038		mg/Kg		90	70 - 130	1	35
Toluene	<0.00202	U	0.100	0.08954		mg/Kg		90	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.09751		mg/Kg		98	70 - 130	2	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1808		mg/Kg		90	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.09927		mg/Kg		99	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-93342/5-A
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:09	10/15/24 20:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:09	10/15/24 20:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	10/15/24 11:09	10/15/24 20:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/15/24 11:09	10/15/24 20:48	1

Lab Sample ID: LCS 880-93342/1-A
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09570		mg/Kg		96	70 - 130
Toluene	0.100	0.08391		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2040		mg/Kg		102	70 - 130
o-Xylene	0.100	0.09916		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-93342/1-A
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93342

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-93342/2-A
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93342

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1041		mg/Kg		104	70 - 130	8	35
Toluene			0.100	0.09978		mg/Kg		100	70 - 130	17	35
Ethylbenzene			0.100	0.1097		mg/Kg		110	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.2033		mg/Kg		102	70 - 130	0	35
o-Xylene			0.100	0.1002		mg/Kg		100	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-49784-41 MS
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: T-3 (13')
Prep Type: Total/NA
Prep Batch: 93342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.09263		mg/Kg		93	70 - 130		
Toluene	<0.00201	U	0.100	0.08185		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.08979		mg/Kg		90	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2060		mg/Kg		103	70 - 130		
o-Xylene	<0.00201	U	0.100	0.1015		mg/Kg		101	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-49784-41 MSD
Matrix: Solid
Analysis Batch: 93307

Client Sample ID: T-3 (13')
Prep Type: Total/NA
Prep Batch: 93342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09371		mg/Kg		94	70 - 130	1	35
Toluene	<0.00201	U	0.100	0.08121		mg/Kg		81	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.08255		mg/Kg		83	70 - 130	8	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1920		mg/Kg		96	70 - 130	7	35
o-Xylene	<0.00201	U	0.100	0.09350		mg/Kg		94	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-93343/5-A
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:12	10/15/24 22:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:12	10/15/24 22:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*10/15/24 11:12*	*10/15/24 22:20*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/15/24 11:12*	*10/15/24 22:20*	*1*

Lab Sample ID: LCS 880-93343/1-A
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93343

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1156		mg/Kg		116	70 - 130		
Toluene			0.100	0.1093		mg/Kg		109	70 - 130		
Ethylbenzene			0.100	0.1110		mg/Kg		111	70 - 130		
m-Xylene & p-Xylene			0.200	0.2157		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1117		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: LCSD 880-93343/2-A
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93343

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1162		mg/Kg		116	70 - 130	1	35
Toluene			0.100	0.1103		mg/Kg		110	70 - 130	1	35
Ethylbenzene			0.100	0.1120		mg/Kg		112	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2181		mg/Kg		109	70 - 130	1	35
o-Xylene			0.100	0.1129		mg/Kg		113	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 880-49784-61 MS
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: T-5 (12')
Prep Type: Total/NA
Prep Batch: 93343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.1134		mg/Kg		113	70 - 130		
Toluene	<0.00201	U	0.100	0.1085		mg/Kg		108	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-49784-61 MS
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: T-5 (12')
Prep Type: Total/NA
Prep Batch: 93343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1111		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2157		mg/Kg		108	70 - 130
o-Xylene	<0.00201	U	0.100	0.1102		mg/Kg		110	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 880-49784-61 MSD
Matrix: Solid
Analysis Batch: 93304

Client Sample ID: T-5 (12')
Prep Type: Total/NA
Prep Batch: 93343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1151		mg/Kg		115	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.1086		mg/Kg		109	70 - 130	0	35
Ethylbenzene	<0.00201	U	0.100	0.1108		mg/Kg		111	70 - 130	0	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2143		mg/Kg		107	70 - 130	1	35
o-Xylene	<0.00201	U	0.100	0.1096		mg/Kg		110	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: MB 880-93344/5-A
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/24 11:15	10/16/24 10:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/24 11:15	10/16/24 10:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/15/24 11:15*	*10/16/24 10:52*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/15/24 11:15*	*10/16/24 10:52*	*1*

Lab Sample ID: LCS 880-93344/1-A
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08072		mg/Kg		81	70 - 130
Toluene	0.100	0.07690		mg/Kg		77	70 - 130
Ethylbenzene	0.100	0.07576		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1594		mg/Kg		80	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-93344/1-A
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93344

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.08301		mg/Kg		83	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-93344/2-A
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93344

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08785		mg/Kg		88	70 - 130	8	35
Toluene			0.100	0.08379		mg/Kg		84	70 - 130	9	35
Ethylbenzene			0.100	0.08283		mg/Kg		83	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.1743		mg/Kg		87	70 - 130	9	35
o-Xylene			0.100	0.08973		mg/Kg		90	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-49784-81 MS
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.100	0.08271		mg/Kg		83	70 - 130		
Toluene	<0.00202	U	0.100	0.07713		mg/Kg		77	70 - 130		
Ethylbenzene	<0.00202	U	0.100	0.07641		mg/Kg		76	70 - 130		
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1620		mg/Kg		81	70 - 130		
o-Xylene	<0.00202	U	0.100	0.08220		mg/Kg		82	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-49784-81 MSD
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08348		mg/Kg		83	70 - 130	1	35
Toluene	<0.00202	U	0.100	0.07831		mg/Kg		78	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.07817		mg/Kg		78	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1659		mg/Kg		83	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.08411		mg/Kg		84	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-49784-81 MSD
Matrix: Solid
Analysis Batch: 93431

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93344

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-93361/1-A
Matrix: Solid
Analysis Batch: 93454

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93361

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		10/15/24 12:49	10/16/24 08:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 08:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:49	10/16/24 08:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	10/15/24 12:49	10/16/24 08:11	1
o-Terphenyl	93		70 - 130	10/15/24 12:49	10/16/24 08:11	1

Lab Sample ID: LCS 880-93361/2-A
Matrix: Solid
Analysis Batch: 93454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93361

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	757.6		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	849.4		mg/Kg		85	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-93361/3-A
Matrix: Solid
Analysis Batch: 93454

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93361

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	817.3		mg/Kg		82	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	903.9		mg/Kg		90	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	115		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-49784-1 MS — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93454 — **Prep Batch: 93361**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	883.9		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	119	F1	998	783.4	F1	mg/Kg		67	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*100*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Lab Sample ID: 880-49784-1 MSD — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93454 — **Prep Batch: 93361**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	880.3		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	119	F1	998	707.1	F1	mg/Kg		59	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*122*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: MB 880-93362/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93581 — **Prep Batch: 93362**

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		10/15/24 12:52	10/17/24 09:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 09:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:52	10/17/24 09:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*10/15/24 12:52*	*10/17/24 09:51*	*1*
o-Terphenyl	*84*		*70 - 130*	*10/15/24 12:52*	*10/17/24 09:51*	*1*

Lab Sample ID: LCS 880-93362/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93581 — **Prep Batch: 93362**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	817.1		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	939.5		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-93362/2-A
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93362

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	86		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: LCSD 880-93362/3-A
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93362

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	891.5		mg/Kg		89	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	94		70 - 130
o-Terphenyl	129		70 - 130

Lab Sample ID: 880-49784-21 MS
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93362

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	914.6		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	751.4		mg/Kg		72	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: 880-49784-21 MSD
Matrix: Solid
Analysis Batch: 93581

Client Sample ID: T-2 (5')
Prep Type: Total/NA
Prep Batch: 93362

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	892.3		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	761.1		mg/Kg		73	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	101		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-93363/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93456 — **Prep Batch: 93363**

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		10/15/24 12:55	10/16/24 08:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 08:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:55	10/16/24 08:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*10/15/24 12:55*	*10/16/24 08:11*	*1*
o-Terphenyl	*124*		*70 - 130*	*10/15/24 12:55*	*10/16/24 08:11*	*1*

Lab Sample ID: LCS 880-93363/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93456 — **Prep Batch: 93363**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	896.7		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1168		mg/Kg		117	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*98*		*70 - 130*
o-Terphenyl	*149*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-93363/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93456 — **Prep Batch: 93363**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	1286		mg/Kg		129	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*168*	*S1+*	*70 - 130*

Lab Sample ID: 880-49784-41 MS — **Client Sample ID: T-3 (13')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 93456 — **Prep Batch: 93363**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	931.3		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	884.2		mg/Kg		89	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-49784-41 MS
Matrix: Solid
Analysis Batch: 93456

Client Sample ID: T-3 (13')
Prep Type: Total/NA
Prep Batch: 93363

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-49784-41 MSD
Matrix: Solid
Analysis Batch: 93456

Client Sample ID: T-3 (13')
Prep Type: Total/NA
Prep Batch: 93363

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	999	925.1		mg/Kg		93	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	834.9		mg/Kg		84	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: MB 880-93364/1-A
Matrix: Solid
Analysis Batch: 93583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93364

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		10/15/24 12:57	10/17/24 09:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 09:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 12:57	10/17/24 09:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	10/15/24 12:57	10/17/24 09:51	1
o-Terphenyl	100		70 - 130	10/15/24 12:57	10/17/24 09:51	1

Lab Sample ID: LCS 880-93364/2-A
Matrix: Solid
Analysis Batch: 93583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93364

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1316	*+	mg/Kg		132	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	172	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-93364/3-A
Matrix: Solid
Analysis Batch: 93583

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93364

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	950.6		mg/Kg		95	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	1190		mg/Kg		119	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*158*	*S1+*	*70 - 130*

Lab Sample ID: 880-49784-61 MS
Matrix: Solid
Analysis Batch: 93583

Client Sample ID: T-5 (12')
Prep Type: Total/NA
Prep Batch: 93364

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1026		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U *+	999	996.2		mg/Kg		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*132*	*S1+*	*70 - 130*
o-Terphenyl	*133*	*S1+*	*70 - 130*

Lab Sample ID: 880-49784-61 MSD
Matrix: Solid
Analysis Batch: 93583

Client Sample ID: T-5 (12')
Prep Type: Total/NA
Prep Batch: 93364

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	999	1044		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U *+	999	1011		mg/Kg		101	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*130*		*70 - 130*
o-Terphenyl	*132*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-93365/1-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93365

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		10/15/24 13:00	10/16/24 18:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 18:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/15/24 13:00	10/16/24 18:39	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-93365/1-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 93365

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	10/15/24 13:00	10/16/24 18:39	1
o-Terphenyl	158	S1+	70 - 130	10/15/24 13:00	10/16/24 18:39	1

Lab Sample ID: LCS 880-93365/2-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 93365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1083		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1072		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	130		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: LCSD 880-93365/3-A
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 93365

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1056		mg/Kg		106	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	983.8		mg/Kg		98	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 880-49784-81 MS
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93365

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	784.9		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	999	742.1		mg/Kg		74	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	91		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-49784-81 MSD
Matrix: Solid
Analysis Batch: 93440

Client Sample ID: T-7 (7')
Prep Type: Total/NA
Prep Batch: 93365

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	999	787.2		mg/Kg		79	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	755.3		mg/Kg		76	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*91*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-93351/1-A
Matrix: Solid
Analysis Batch: 93372

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/16/24 00:14	1

Lab Sample ID: LCS 880-93351/2-A
Matrix: Solid
Analysis Batch: 93372

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-93351/3-A
Matrix: Solid
Analysis Batch: 93372

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.1		mg/Kg		94	90 - 110	2	20

Lab Sample ID: 880-49784-10 MS
Matrix: Solid
Analysis Batch: 93372

Client Sample ID: T-1 (9')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7130		2490	9845		mg/Kg		109	90 - 110

Lab Sample ID: 880-49784-10 MSD
Matrix: Solid
Analysis Batch: 93372

Client Sample ID: T-1 (9')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7130		2490	9761		mg/Kg		106	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-93414/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/16/24 22:11	1

Lab Sample ID: LCS 880-93414/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93452

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	235.5		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-93414/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93452

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	236.5		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-49784-20 MS — **Client Sample ID: T-2 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93452

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3920	F1	1260	5526	F1	mg/Kg		128	90 - 110		

Lab Sample ID: 880-49784-20 MSD — **Client Sample ID: T-2 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3920	F1	1260	5358	F1	mg/Kg		114	90 - 110	3	20

Lab Sample ID: 880-49784-30 MS — **Client Sample ID: T-3 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93452

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4060	F1	1250	5527	F1	mg/Kg		117	90 - 110		

Lab Sample ID: 880-49784-30 MSD — **Client Sample ID: T-3 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4060	F1	1250	5548	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: MB 880-93415/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/17/24 07:11	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-93415/2-A
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.7		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-93415/3-A
Matrix: Solid
Analysis Batch: 93457

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	240.0		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-49784-40 MS
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: T-3 (12')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4680	F1	2480	7875	F1	mg/Kg		129	90 - 110		

Lab Sample ID: 880-49784-40 MSD
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: T-3 (12')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4680	F1	2480	7903	F1	mg/Kg		130	90 - 110	0	20

Lab Sample ID: 880-49784-50 MS
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: T-5 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1220	F1	1250	2608	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-49784-50 MSD
Matrix: Solid
Analysis Batch: 93457

Client Sample ID: T-5 (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	1220	F1	1250	2550		mg/Kg		106	90 - 110	2	20

Lab Sample ID: MB 880-93416/1-A
Matrix: Solid
Analysis Batch: 93458

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/17/24 01:20	1

Lab Sample ID: LCS 880-93416/2-A
Matrix: Solid
Analysis Batch: 93458

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	236.9		mg/Kg		95	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-93416/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93458

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	238.0		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-49784-60 MS — **Client Sample ID: T-5 (11')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93458

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1750	F1	1240	3126		mg/Kg		110	90 - 110

Lab Sample ID: 880-49784-60 MSD — **Client Sample ID: T-5 (11')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93458

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1750	F1	1240	3133	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: 880-49784-70 MS — **Client Sample ID: T-6 (6')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93458

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3910	F1	2490	6935	F1	mg/Kg		122	90 - 110

Lab Sample ID: 880-49784-70 MSD — **Client Sample ID: T-6 (6')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93458

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3910	F1	2490	6944	F1	mg/Kg		122	90 - 110	0	20

Lab Sample ID: MB 880-93417/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93464

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/19/24 15:38	1

Lab Sample ID: LCS 880-93417/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93464

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	241.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-93417/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 93464

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.5		mg/Kg		98	90 - 110	2	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-49784-80 MS
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: T-7 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5760	F1	2510	9847	F1	mg/Kg		163	90 - 110

Lab Sample ID: 880-49784-80 MSD
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: T-7 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5760	F1	2510	9866	F1	mg/Kg		164	90 - 110	0	20

Lab Sample ID: 880-49784-90 MS
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: T-8 (7')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.0	F1	250	284.9		mg/Kg		110	90 - 110

Lab Sample ID: 880-49784-90 MSD
Matrix: Solid
Analysis Batch: 93464

Client Sample ID: T-8 (7')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.0	F1	250	289.5	F1	mg/Kg		111	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 93304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-61	T-5 (12')	Total/NA	Solid	8021B	93343
880-49784-62	T-5 (13')	Total/NA	Solid	8021B	93343
880-49784-63	T-5 (14')	Total/NA	Solid	8021B	93343
880-49784-64	T-6 (0-1')	Total/NA	Solid	8021B	93343
880-49784-65	T-6 (1.5')	Total/NA	Solid	8021B	93343
880-49784-66	T-6 (2')	Total/NA	Solid	8021B	93343
880-49784-67	T-6 (3')	Total/NA	Solid	8021B	93343
880-49784-68	T-6 (4')	Total/NA	Solid	8021B	93343
880-49784-69	T-6 (5')	Total/NA	Solid	8021B	93343
880-49784-70	T-6 (6')	Total/NA	Solid	8021B	93343
880-49784-71	T-6 (7')	Total/NA	Solid	8021B	93343
880-49784-72	T-6 (8')	Total/NA	Solid	8021B	93343
880-49784-73	T-6 (9')	Total/NA	Solid	8021B	93343
880-49784-74	T-7 (0-1')	Total/NA	Solid	8021B	93343
880-49784-75	T-7 (1.5')	Total/NA	Solid	8021B	93343
880-49784-76	T-7 (2')	Total/NA	Solid	8021B	93343
880-49784-77	T-7 (3')	Total/NA	Solid	8021B	93343
880-49784-78	T-7 (4')	Total/NA	Solid	8021B	93343
880-49784-79	T-7 (5')	Total/NA	Solid	8021B	93343
880-49784-80	T-7 (6')	Total/NA	Solid	8021B	93343
MB 880-93310/5-A	Method Blank	Total/NA	Solid	8021B	93310
MB 880-93343/5-A	Method Blank	Total/NA	Solid	8021B	93343
LCS 880-93343/1-A	Lab Control Sample	Total/NA	Solid	8021B	93343
LCSD 880-93343/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93343
880-49784-61 MS	T-5 (12')	Total/NA	Solid	8021B	93343
880-49784-61 MSD	T-5 (12')	Total/NA	Solid	8021B	93343

Analysis Batch: 93305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-21	T-2 (5')	Total/NA	Solid	8021B	93341
880-49784-22	T-2 (6')	Total/NA	Solid	8021B	93341
880-49784-23	T-2 (7')	Total/NA	Solid	8021B	93341
880-49784-24	T-2 (8')	Total/NA	Solid	8021B	93341
880-49784-25	T-2 (9')	Total/NA	Solid	8021B	93341
880-49784-26	T-2 (10')	Total/NA	Solid	8021B	93341
880-49784-27	T-2 (11')	Total/NA	Solid	8021B	93341
880-49784-28	T-3 (0-1')	Total/NA	Solid	8021B	93341
880-49784-29	T-3 (1.5')	Total/NA	Solid	8021B	93341
880-49784-30	T-3 (2')	Total/NA	Solid	8021B	93341
880-49784-31	T-3 (3')	Total/NA	Solid	8021B	93341
880-49784-32	T-3 (4')	Total/NA	Solid	8021B	93341
880-49784-33	T-3 (5')	Total/NA	Solid	8021B	93341
880-49784-34	T-3 (6')	Total/NA	Solid	8021B	93341
880-49784-35	T-3 (7')	Total/NA	Solid	8021B	93341
880-49784-36	T-3 (8')	Total/NA	Solid	8021B	93341
880-49784-37	T-3 (9')	Total/NA	Solid	8021B	93341
880-49784-38	T-3 (10')	Total/NA	Solid	8021B	93341
880-49784-39	T-3 (11')	Total/NA	Solid	8021B	93341
880-49784-40	T-3 (12')	Total/NA	Solid	8021B	93341
MB 880-93309/5-A	Method Blank	Total/NA	Solid	8021B	93309
MB 880-93341/5-A	Method Blank	Total/NA	Solid	8021B	93341

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 93305 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-93341/1-A	Lab Control Sample	Total/NA	Solid	8021B	93341
LCSD 880-93341/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93341
880-49784-21 MS	T-2 (5')	Total/NA	Solid	8021B	93341
880-49784-21 MSD	T-2 (5')	Total/NA	Solid	8021B	93341

Analysis Batch: 93307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41	T-3 (13')	Total/NA	Solid	8021B	93342
880-49784-42	T-3 (14')	Total/NA	Solid	8021B	93342
880-49784-43	T-3 (15')	Total/NA	Solid	8021B	93342
880-49784-44	T-4 (0-1')	Total/NA	Solid	8021B	93342
880-49784-45	T-4 (1.5')	Total/NA	Solid	8021B	93342
880-49784-46	T-4 (2')	Total/NA	Solid	8021B	93342
880-49784-47	T-4 (3')	Total/NA	Solid	8021B	93342
880-49784-48	T-4 (4')	Total/NA	Solid	8021B	93342
880-49784-49	T-5 (0-1')	Total/NA	Solid	8021B	93342
880-49784-50	T-5 (1.5')	Total/NA	Solid	8021B	93342
880-49784-51	T-5 (2')	Total/NA	Solid	8021B	93342
880-49784-52	T-5 (3')	Total/NA	Solid	8021B	93342
880-49784-53	T-5 (4')	Total/NA	Solid	8021B	93342
880-49784-54	T-5 (5')	Total/NA	Solid	8021B	93342
880-49784-55	T-5 (6')	Total/NA	Solid	8021B	93342
880-49784-56	T-5 (7')	Total/NA	Solid	8021B	93342
880-49784-57	T-5 (8')	Total/NA	Solid	8021B	93342
880-49784-58	T-5 (9')	Total/NA	Solid	8021B	93342
880-49784-59	T-5 (10')	Total/NA	Solid	8021B	93342
880-49784-60	T-5 (11')	Total/NA	Solid	8021B	93342
MB 880-93307/8	Method Blank	Total/NA	Solid	8021B	
MB 880-93342/5-A	Method Blank	Total/NA	Solid	8021B	93342
LCS 880-93342/1-A	Lab Control Sample	Total/NA	Solid	8021B	93342
LCSD 880-93342/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93342
880-49784-41 MS	T-3 (13')	Total/NA	Solid	8021B	93342
880-49784-41 MSD	T-3 (13')	Total/NA	Solid	8021B	93342

Analysis Batch: 93308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	8021B	93340
880-49784-2	T-1 (1.5')	Total/NA	Solid	8021B	93340
880-49784-3	T-1 (2')	Total/NA	Solid	8021B	93340
880-49784-4	T-1 (3')	Total/NA	Solid	8021B	93340
880-49784-5	T-1 (4')	Total/NA	Solid	8021B	93340
880-49784-6	T-1 (5')	Total/NA	Solid	8021B	93340
880-49784-7	T-1 (6')	Total/NA	Solid	8021B	93340
880-49784-8	T-1 (7')	Total/NA	Solid	8021B	93340
880-49784-9	T-1 (8')	Total/NA	Solid	8021B	93340
880-49784-10	T-1 (9')	Total/NA	Solid	8021B	93340
880-49784-11	T-1 (10')	Total/NA	Solid	8021B	93340
880-49784-12	T-1 (11')	Total/NA	Solid	8021B	93340
880-49784-13	T-1 (12')	Total/NA	Solid	8021B	93340
880-49784-14	T-1 (13')	Total/NA	Solid	8021B	93340
880-49784-15	T-1 (14')	Total/NA	Solid	8021B	93340

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 93308 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-16	T-2 (0-1')	Total/NA	Solid	8021B	93340
880-49784-17	T-2 (1.5')	Total/NA	Solid	8021B	93340
880-49784-18	T-2 (2')	Total/NA	Solid	8021B	93340
880-49784-19	T-2 (3')	Total/NA	Solid	8021B	93340
880-49784-20	T-2 (4')	Total/NA	Solid	8021B	93340
MB 880-93311/5-A	Method Blank	Total/NA	Solid	8021B	93311
MB 880-93340/5-A	Method Blank	Total/NA	Solid	8021B	93340
LCS 880-93340/1-A	Lab Control Sample	Total/NA	Solid	8021B	93340
LCSD 880-93340/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93340
880-49784-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	93340
880-49784-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	93340

Prep Batch: 93309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-93309/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 93310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-93310/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 93311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-93311/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 93340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	5035	
880-49784-2	T-1 (1.5')	Total/NA	Solid	5035	
880-49784-3	T-1 (2')	Total/NA	Solid	5035	
880-49784-4	T-1 (3')	Total/NA	Solid	5035	
880-49784-5	T-1 (4')	Total/NA	Solid	5035	
880-49784-6	T-1 (5')	Total/NA	Solid	5035	
880-49784-7	T-1 (6')	Total/NA	Solid	5035	
880-49784-8	T-1 (7')	Total/NA	Solid	5035	
880-49784-9	T-1 (8')	Total/NA	Solid	5035	
880-49784-10	T-1 (9')	Total/NA	Solid	5035	
880-49784-11	T-1 (10')	Total/NA	Solid	5035	
880-49784-12	T-1 (11')	Total/NA	Solid	5035	
880-49784-13	T-1 (12')	Total/NA	Solid	5035	
880-49784-14	T-1 (13')	Total/NA	Solid	5035	
880-49784-15	T-1 (14')	Total/NA	Solid	5035	
880-49784-16	T-2 (0-1')	Total/NA	Solid	5035	
880-49784-17	T-2 (1.5')	Total/NA	Solid	5035	
880-49784-18	T-2 (2')	Total/NA	Solid	5035	
880-49784-19	T-2 (3')	Total/NA	Solid	5035	
880-49784-20	T-2 (4')	Total/NA	Solid	5035	
MB 880-93340/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93340/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93340/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49784-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-49784-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 93341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-21	T-2 (5')	Total/NA	Solid	5035	
880-49784-22	T-2 (6')	Total/NA	Solid	5035	
880-49784-23	T-2 (7')	Total/NA	Solid	5035	
880-49784-24	T-2 (8')	Total/NA	Solid	5035	
880-49784-25	T-2 (9')	Total/NA	Solid	5035	
880-49784-26	T-2 (10')	Total/NA	Solid	5035	
880-49784-27	T-2 (11')	Total/NA	Solid	5035	
880-49784-28	T-3 (0-1')	Total/NA	Solid	5035	
880-49784-29	T-3 (1.5')	Total/NA	Solid	5035	
880-49784-30	T-3 (2')	Total/NA	Solid	5035	
880-49784-31	T-3 (3')	Total/NA	Solid	5035	
880-49784-32	T-3 (4')	Total/NA	Solid	5035	
880-49784-33	T-3 (5')	Total/NA	Solid	5035	
880-49784-34	T-3 (6')	Total/NA	Solid	5035	
880-49784-35	T-3 (7')	Total/NA	Solid	5035	
880-49784-36	T-3 (8')	Total/NA	Solid	5035	
880-49784-37	T-3 (9')	Total/NA	Solid	5035	
880-49784-38	T-3 (10')	Total/NA	Solid	5035	
880-49784-39	T-3 (11')	Total/NA	Solid	5035	
880-49784-40	T-3 (12')	Total/NA	Solid	5035	
MB 880-93341/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93341/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93341/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49784-21 MS	T-2 (5')	Total/NA	Solid	5035	
880-49784-21 MSD	T-2 (5')	Total/NA	Solid	5035	

Prep Batch: 93342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41	T-3 (13')	Total/NA	Solid	5035	
880-49784-42	T-3 (14')	Total/NA	Solid	5035	
880-49784-43	T-3 (15')	Total/NA	Solid	5035	
880-49784-44	T-4 (0-1')	Total/NA	Solid	5035	
880-49784-45	T-4 (1.5')	Total/NA	Solid	5035	
880-49784-46	T-4 (2')	Total/NA	Solid	5035	
880-49784-47	T-4 (3')	Total/NA	Solid	5035	
880-49784-48	T-4 (4')	Total/NA	Solid	5035	
880-49784-49	T-5 (0-1')	Total/NA	Solid	5035	
880-49784-50	T-5 (1.5')	Total/NA	Solid	5035	
880-49784-51	T-5 (2')	Total/NA	Solid	5035	
880-49784-52	T-5 (3')	Total/NA	Solid	5035	
880-49784-53	T-5 (4')	Total/NA	Solid	5035	
880-49784-54	T-5 (5')	Total/NA	Solid	5035	
880-49784-55	T-5 (6')	Total/NA	Solid	5035	
880-49784-56	T-5 (7')	Total/NA	Solid	5035	
880-49784-57	T-5 (8')	Total/NA	Solid	5035	
880-49784-58	T-5 (9')	Total/NA	Solid	5035	
880-49784-59	T-5 (10')	Total/NA	Solid	5035	
880-49784-60	T-5 (11')	Total/NA	Solid	5035	
MB 880-93342/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93342/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93342/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 93342 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41 MS	T-3 (13')	Total/NA	Solid	5035	
880-49784-41 MSD	T-3 (13')	Total/NA	Solid	5035	

Prep Batch: 93343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-61	T-5 (12')	Total/NA	Solid	5035	
880-49784-62	T-5 (13')	Total/NA	Solid	5035	
880-49784-63	T-5 (14')	Total/NA	Solid	5035	
880-49784-64	T-6 (0-1')	Total/NA	Solid	5035	
880-49784-65	T-6 (1.5')	Total/NA	Solid	5035	
880-49784-66	T-6 (2')	Total/NA	Solid	5035	
880-49784-67	T-6 (3')	Total/NA	Solid	5035	
880-49784-68	T-6 (4')	Total/NA	Solid	5035	
880-49784-69	T-6 (5')	Total/NA	Solid	5035	
880-49784-70	T-6 (6')	Total/NA	Solid	5035	
880-49784-71	T-6 (7')	Total/NA	Solid	5035	
880-49784-72	T-6 (8')	Total/NA	Solid	5035	
880-49784-73	T-6 (9')	Total/NA	Solid	5035	
880-49784-74	T-7 (0-1')	Total/NA	Solid	5035	
880-49784-75	T-7 (1.5')	Total/NA	Solid	5035	
880-49784-76	T-7 (2')	Total/NA	Solid	5035	
880-49784-77	T-7 (3')	Total/NA	Solid	5035	
880-49784-78	T-7 (4')	Total/NA	Solid	5035	
880-49784-79	T-7 (5')	Total/NA	Solid	5035	
880-49784-80	T-7 (6')	Total/NA	Solid	5035	
MB 880-93343/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93343/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93343/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49784-61 MS	T-5 (12')	Total/NA	Solid	5035	
880-49784-61 MSD	T-5 (12')	Total/NA	Solid	5035	

Prep Batch: 93344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-81	T-7 (7')	Total/NA	Solid	5035	
880-49784-82	T-7 (8')	Total/NA	Solid	5035	
880-49784-83	T-8 (0-1')	Total/NA	Solid	5035	
880-49784-84	T-8 (1.5')	Total/NA	Solid	5035	
880-49784-85	T-8 (2')	Total/NA	Solid	5035	
880-49784-86	T-8 (3')	Total/NA	Solid	5035	
880-49784-87	T-8 (4')	Total/NA	Solid	5035	
880-49784-88	T-8 (5')	Total/NA	Solid	5035	
880-49784-89	T-8 (6')	Total/NA	Solid	5035	
880-49784-90	T-8 (7')	Total/NA	Solid	5035	
880-49784-91	T-8 (8')	Total/NA	Solid	5035	
MB 880-93344/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-93344/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-93344/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49784-81 MS	T-7 (7')	Total/NA	Solid	5035	
880-49784-81 MSD	T-7 (7')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 93431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-81	T-7 (7')	Total/NA	Solid	8021B	93344
880-49784-82	T-7 (8')	Total/NA	Solid	8021B	93344
880-49784-83	T-8 (0-1')	Total/NA	Solid	8021B	93344
880-49784-84	T-8 (1.5')	Total/NA	Solid	8021B	93344
880-49784-85	T-8 (2')	Total/NA	Solid	8021B	93344
880-49784-86	T-8 (3')	Total/NA	Solid	8021B	93344
880-49784-87	T-8 (4')	Total/NA	Solid	8021B	93344
880-49784-88	T-8 (5')	Total/NA	Solid	8021B	93344
880-49784-89	T-8 (6')	Total/NA	Solid	8021B	93344
880-49784-90	T-8 (7')	Total/NA	Solid	8021B	93344
880-49784-91	T-8 (8')	Total/NA	Solid	8021B	93344
MB 880-93344/5-A	Method Blank	Total/NA	Solid	8021B	93344
LCS 880-93344/1-A	Lab Control Sample	Total/NA	Solid	8021B	93344
LCSD 880-93344/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	93344
880-49784-81 MS	T-7 (7')	Total/NA	Solid	8021B	93344
880-49784-81 MSD	T-7 (7')	Total/NA	Solid	8021B	93344

Analysis Batch: 93451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-49784-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-49784-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-49784-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-49784-7	T-1 (6')	Total/NA	Solid	Total BTEX	
880-49784-8	T-1 (7')	Total/NA	Solid	Total BTEX	
880-49784-9	T-1 (8')	Total/NA	Solid	Total BTEX	
880-49784-10	T-1 (9')	Total/NA	Solid	Total BTEX	
880-49784-11	T-1 (10')	Total/NA	Solid	Total BTEX	
880-49784-12	T-1 (11')	Total/NA	Solid	Total BTEX	
880-49784-13	T-1 (12')	Total/NA	Solid	Total BTEX	
880-49784-14	T-1 (13')	Total/NA	Solid	Total BTEX	
880-49784-15	T-1 (14')	Total/NA	Solid	Total BTEX	
880-49784-16	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-17	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-18	T-2 (2')	Total/NA	Solid	Total BTEX	
880-49784-19	T-2 (3')	Total/NA	Solid	Total BTEX	
880-49784-20	T-2 (4')	Total/NA	Solid	Total BTEX	
880-49784-21	T-2 (5')	Total/NA	Solid	Total BTEX	
880-49784-22	T-2 (6')	Total/NA	Solid	Total BTEX	
880-49784-23	T-2 (7')	Total/NA	Solid	Total BTEX	
880-49784-24	T-2 (8')	Total/NA	Solid	Total BTEX	
880-49784-25	T-2 (9')	Total/NA	Solid	Total BTEX	
880-49784-26	T-2 (10')	Total/NA	Solid	Total BTEX	
880-49784-27	T-2 (11')	Total/NA	Solid	Total BTEX	
880-49784-28	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-29	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-30	T-3 (2')	Total/NA	Solid	Total BTEX	
880-49784-31	T-3 (3')	Total/NA	Solid	Total BTEX	
880-49784-32	T-3 (4')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 93451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-33	T-3 (5')	Total/NA	Solid	Total BTEX	
880-49784-34	T-3 (6')	Total/NA	Solid	Total BTEX	
880-49784-35	T-3 (7')	Total/NA	Solid	Total BTEX	
880-49784-36	T-3 (8')	Total/NA	Solid	Total BTEX	
880-49784-37	T-3 (9')	Total/NA	Solid	Total BTEX	
880-49784-38	T-3 (10')	Total/NA	Solid	Total BTEX	
880-49784-39	T-3 (11')	Total/NA	Solid	Total BTEX	
880-49784-40	T-3 (12')	Total/NA	Solid	Total BTEX	
880-49784-41	T-3 (13')	Total/NA	Solid	Total BTEX	
880-49784-42	T-3 (14')	Total/NA	Solid	Total BTEX	
880-49784-43	T-3 (15')	Total/NA	Solid	Total BTEX	
880-49784-44	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-45	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-46	T-4 (2')	Total/NA	Solid	Total BTEX	
880-49784-47	T-4 (3')	Total/NA	Solid	Total BTEX	
880-49784-48	T-4 (4')	Total/NA	Solid	Total BTEX	
880-49784-49	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-50	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-51	T-5 (2')	Total/NA	Solid	Total BTEX	
880-49784-52	T-5 (3')	Total/NA	Solid	Total BTEX	
880-49784-53	T-5 (4')	Total/NA	Solid	Total BTEX	
880-49784-54	T-5 (5')	Total/NA	Solid	Total BTEX	
880-49784-55	T-5 (6')	Total/NA	Solid	Total BTEX	
880-49784-56	T-5 (7')	Total/NA	Solid	Total BTEX	
880-49784-57	T-5 (8')	Total/NA	Solid	Total BTEX	
880-49784-58	T-5 (9')	Total/NA	Solid	Total BTEX	
880-49784-59	T-5 (10')	Total/NA	Solid	Total BTEX	
880-49784-60	T-5 (11')	Total/NA	Solid	Total BTEX	
880-49784-61	T-5 (12')	Total/NA	Solid	Total BTEX	
880-49784-62	T-5 (13')	Total/NA	Solid	Total BTEX	
880-49784-63	T-5 (14')	Total/NA	Solid	Total BTEX	
880-49784-64	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-65	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-66	T-6 (2')	Total/NA	Solid	Total BTEX	
880-49784-67	T-6 (3')	Total/NA	Solid	Total BTEX	
880-49784-68	T-6 (4')	Total/NA	Solid	Total BTEX	
880-49784-69	T-6 (5')	Total/NA	Solid	Total BTEX	
880-49784-70	T-6 (6')	Total/NA	Solid	Total BTEX	
880-49784-71	T-6 (7')	Total/NA	Solid	Total BTEX	
880-49784-72	T-6 (8')	Total/NA	Solid	Total BTEX	
880-49784-73	T-6 (9')	Total/NA	Solid	Total BTEX	
880-49784-74	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-49784-75	T-7 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-76	T-7 (2')	Total/NA	Solid	Total BTEX	
880-49784-77	T-7 (3')	Total/NA	Solid	Total BTEX	
880-49784-78	T-7 (4')	Total/NA	Solid	Total BTEX	
880-49784-79	T-7 (5')	Total/NA	Solid	Total BTEX	
880-49784-80	T-7 (6')	Total/NA	Solid	Total BTEX	
880-49784-81	T-7 (7')	Total/NA	Solid	Total BTEX	
880-49784-82	T-7 (8')	Total/NA	Solid	Total BTEX	
880-49784-83	T-8 (0-1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 93451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-84	T-8 (1.5')	Total/NA	Solid	Total BTEX	
880-49784-85	T-8 (2')	Total/NA	Solid	Total BTEX	
880-49784-86	T-8 (3')	Total/NA	Solid	Total BTEX	
880-49784-87	T-8 (4')	Total/NA	Solid	Total BTEX	
880-49784-88	T-8 (5')	Total/NA	Solid	Total BTEX	
880-49784-89	T-8 (6')	Total/NA	Solid	Total BTEX	
880-49784-90	T-8 (7')	Total/NA	Solid	Total BTEX	
880-49784-91	T-8 (8')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 93361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-49784-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-49784-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-49784-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-49784-7	T-1 (6')	Total/NA	Solid	8015NM Prep	
880-49784-8	T-1 (7')	Total/NA	Solid	8015NM Prep	
880-49784-9	T-1 (8')	Total/NA	Solid	8015NM Prep	
880-49784-10	T-1 (9')	Total/NA	Solid	8015NM Prep	
880-49784-11	T-1 (10')	Total/NA	Solid	8015NM Prep	
880-49784-12	T-1 (11')	Total/NA	Solid	8015NM Prep	
880-49784-13	T-1 (12')	Total/NA	Solid	8015NM Prep	
880-49784-14	T-1 (13')	Total/NA	Solid	8015NM Prep	
880-49784-15	T-1 (14')	Total/NA	Solid	8015NM Prep	
880-49784-16	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-17	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-18	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-49784-19	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-49784-20	T-2 (4')	Total/NA	Solid	8015NM Prep	
MB 880-93361/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93361/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93361/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 93362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-21	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-49784-22	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-49784-23	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-49784-24	T-2 (8')	Total/NA	Solid	8015NM Prep	
880-49784-25	T-2 (9')	Total/NA	Solid	8015NM Prep	
880-49784-26	T-2 (10')	Total/NA	Solid	8015NM Prep	
880-49784-27	T-2 (11')	Total/NA	Solid	8015NM Prep	
880-49784-28	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-29	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-30	T-3 (2')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 93362 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-31	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-49784-32	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-49784-33	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-49784-34	T-3 (6')	Total/NA	Solid	8015NM Prep	
880-49784-35	T-3 (7')	Total/NA	Solid	8015NM Prep	
880-49784-36	T-3 (8')	Total/NA	Solid	8015NM Prep	
880-49784-37	T-3 (9')	Total/NA	Solid	8015NM Prep	
880-49784-38	T-3 (10')	Total/NA	Solid	8015NM Prep	
880-49784-39	T-3 (11')	Total/NA	Solid	8015NM Prep	
880-49784-40	T-3 (12')	Total/NA	Solid	8015NM Prep	
MB 880-93362/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93362/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-21 MS	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-49784-21 MSD	T-2 (5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 93363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41	T-3 (13')	Total/NA	Solid	8015NM Prep	
880-49784-42	T-3 (14')	Total/NA	Solid	8015NM Prep	
880-49784-43	T-3 (15')	Total/NA	Solid	8015NM Prep	
880-49784-44	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-45	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-46	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-49784-47	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-49784-48	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-49784-49	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-50	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-51	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-49784-52	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-49784-53	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-49784-54	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-49784-55	T-5 (6')	Total/NA	Solid	8015NM Prep	
880-49784-56	T-5 (7')	Total/NA	Solid	8015NM Prep	
880-49784-57	T-5 (8')	Total/NA	Solid	8015NM Prep	
880-49784-58	T-5 (9')	Total/NA	Solid	8015NM Prep	
880-49784-59	T-5 (10')	Total/NA	Solid	8015NM Prep	
880-49784-60	T-5 (11')	Total/NA	Solid	8015NM Prep	
MB 880-93363/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93363/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93363/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-41 MS	T-3 (13')	Total/NA	Solid	8015NM Prep	
880-49784-41 MSD	T-3 (13')	Total/NA	Solid	8015NM Prep	

Prep Batch: 93364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-61	T-5 (12')	Total/NA	Solid	8015NM Prep	
880-49784-62	T-5 (13')	Total/NA	Solid	8015NM Prep	
880-49784-63	T-5 (14')	Total/NA	Solid	8015NM Prep	
880-49784-64	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-65	T-6 (1.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 93364 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-66	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-49784-67	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-49784-68	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-49784-69	T-6 (5')	Total/NA	Solid	8015NM Prep	
880-49784-70	T-6 (6')	Total/NA	Solid	8015NM Prep	
880-49784-71	T-6 (7')	Total/NA	Solid	8015NM Prep	
880-49784-72	T-6 (8')	Total/NA	Solid	8015NM Prep	
880-49784-73	T-6 (9')	Total/NA	Solid	8015NM Prep	
880-49784-74	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-75	T-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-76	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-49784-77	T-7 (3')	Total/NA	Solid	8015NM Prep	
880-49784-78	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-49784-79	T-7 (5')	Total/NA	Solid	8015NM Prep	
880-49784-80	T-7 (6')	Total/NA	Solid	8015NM Prep	
MB 880-93364/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93364/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93364/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-61 MS	T-5 (12')	Total/NA	Solid	8015NM Prep	
880-49784-61 MSD	T-5 (12')	Total/NA	Solid	8015NM Prep	

Prep Batch: 93365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-81	T-7 (7')	Total/NA	Solid	8015NM Prep	
880-49784-82	T-7 (8')	Total/NA	Solid	8015NM Prep	
880-49784-83	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-49784-84	T-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-49784-85	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-49784-86	T-8 (3')	Total/NA	Solid	8015NM Prep	
880-49784-87	T-8 (4')	Total/NA	Solid	8015NM Prep	
880-49784-88	T-8 (5')	Total/NA	Solid	8015NM Prep	
880-49784-89	T-8 (6')	Total/NA	Solid	8015NM Prep	
880-49784-90	T-8 (7')	Total/NA	Solid	8015NM Prep	
880-49784-91	T-8 (8')	Total/NA	Solid	8015NM Prep	
MB 880-93365/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-93365/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-93365/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49784-81 MS	T-7 (7')	Total/NA	Solid	8015NM Prep	
880-49784-81 MSD	T-7 (7')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 93440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-81	T-7 (7')	Total/NA	Solid	8015B NM	93365
880-49784-82	T-7 (8')	Total/NA	Solid	8015B NM	93365
880-49784-83	T-8 (0-1')	Total/NA	Solid	8015B NM	93365
880-49784-84	T-8 (1.5')	Total/NA	Solid	8015B NM	93365
880-49784-85	T-8 (2')	Total/NA	Solid	8015B NM	93365
880-49784-86	T-8 (3')	Total/NA	Solid	8015B NM	93365
880-49784-87	T-8 (4')	Total/NA	Solid	8015B NM	93365
880-49784-88	T-8 (5')	Total/NA	Solid	8015B NM	93365
880-49784-89	T-8 (6')	Total/NA	Solid	8015B NM	93365

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93440 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-90	T-8 (7')	Total/NA	Solid	8015B NM	93365
880-49784-91	T-8 (8')	Total/NA	Solid	8015B NM	93365
MB 880-93365/1-A	Method Blank	Total/NA	Solid	8015B NM	93365
LCS 880-93365/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93365
LCSD 880-93365/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93365
880-49784-81 MS	T-7 (7')	Total/NA	Solid	8015B NM	93365
880-49784-81 MSD	T-7 (7')	Total/NA	Solid	8015B NM	93365

Analysis Batch: 93454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	8015B NM	93361
880-49784-2	T-1 (1.5')	Total/NA	Solid	8015B NM	93361
880-49784-3	T-1 (2')	Total/NA	Solid	8015B NM	93361
880-49784-4	T-1 (3')	Total/NA	Solid	8015B NM	93361
880-49784-5	T-1 (4')	Total/NA	Solid	8015B NM	93361
880-49784-6	T-1 (5')	Total/NA	Solid	8015B NM	93361
880-49784-7	T-1 (6')	Total/NA	Solid	8015B NM	93361
880-49784-8	T-1 (7')	Total/NA	Solid	8015B NM	93361
880-49784-9	T-1 (8')	Total/NA	Solid	8015B NM	93361
880-49784-10	T-1 (9')	Total/NA	Solid	8015B NM	93361
880-49784-11	T-1 (10')	Total/NA	Solid	8015B NM	93361
880-49784-12	T-1 (11')	Total/NA	Solid	8015B NM	93361
880-49784-13	T-1 (12')	Total/NA	Solid	8015B NM	93361
880-49784-14	T-1 (13')	Total/NA	Solid	8015B NM	93361
880-49784-15	T-1 (14')	Total/NA	Solid	8015B NM	93361
880-49784-16	T-2 (0-1')	Total/NA	Solid	8015B NM	93361
880-49784-17	T-2 (1.5')	Total/NA	Solid	8015B NM	93361
880-49784-18	T-2 (2')	Total/NA	Solid	8015B NM	93361
880-49784-19	T-2 (3')	Total/NA	Solid	8015B NM	93361
880-49784-20	T-2 (4')	Total/NA	Solid	8015B NM	93361
MB 880-93361/1-A	Method Blank	Total/NA	Solid	8015B NM	93361
LCS 880-93361/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93361
LCSD 880-93361/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93361
880-49784-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	93361
880-49784-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	93361

Analysis Batch: 93456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-41	T-3 (13')	Total/NA	Solid	8015B NM	93363
880-49784-42	T-3 (14')	Total/NA	Solid	8015B NM	93363
880-49784-43	T-3 (15')	Total/NA	Solid	8015B NM	93363
880-49784-44	T-4 (0-1')	Total/NA	Solid	8015B NM	93363
880-49784-45	T-4 (1.5')	Total/NA	Solid	8015B NM	93363
880-49784-46	T-4 (2')	Total/NA	Solid	8015B NM	93363
880-49784-47	T-4 (3')	Total/NA	Solid	8015B NM	93363
880-49784-48	T-4 (4')	Total/NA	Solid	8015B NM	93363
880-49784-49	T-5 (0-1')	Total/NA	Solid	8015B NM	93363
880-49784-50	T-5 (1.5')	Total/NA	Solid	8015B NM	93363
880-49784-51	T-5 (2')	Total/NA	Solid	8015B NM	93363
880-49784-52	T-5 (3')	Total/NA	Solid	8015B NM	93363
880-49784-53	T-5 (4')	Total/NA	Solid	8015B NM	93363

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-54	T-5 (5')	Total/NA	Solid	8015B NM	93363
880-49784-55	T-5 (6')	Total/NA	Solid	8015B NM	93363
880-49784-56	T-5 (7')	Total/NA	Solid	8015B NM	93363
880-49784-57	T-5 (8')	Total/NA	Solid	8015B NM	93363
880-49784-58	T-5 (9')	Total/NA	Solid	8015B NM	93363
880-49784-59	T-5 (10')	Total/NA	Solid	8015B NM	93363
880-49784-60	T-5 (11')	Total/NA	Solid	8015B NM	93363
MB 880-93363/1-A	Method Blank	Total/NA	Solid	8015B NM	93363
LCS 880-93363/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93363
LCSD 880-93363/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93363
880-49784-41 MS	T-3 (13')	Total/NA	Solid	8015B NM	93363
880-49784-41 MSD	T-3 (13')	Total/NA	Solid	8015B NM	93363

Analysis Batch: 93554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-49784-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-49784-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-49784-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-49784-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-49784-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-49784-7	T-1 (6')	Total/NA	Solid	8015 NM	
880-49784-8	T-1 (7')	Total/NA	Solid	8015 NM	
880-49784-9	T-1 (8')	Total/NA	Solid	8015 NM	
880-49784-10	T-1 (9')	Total/NA	Solid	8015 NM	
880-49784-11	T-1 (10')	Total/NA	Solid	8015 NM	
880-49784-12	T-1 (11')	Total/NA	Solid	8015 NM	
880-49784-13	T-1 (12')	Total/NA	Solid	8015 NM	
880-49784-14	T-1 (13')	Total/NA	Solid	8015 NM	
880-49784-15	T-1 (14')	Total/NA	Solid	8015 NM	
880-49784-16	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-49784-17	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-49784-18	T-2 (2')	Total/NA	Solid	8015 NM	
880-49784-19	T-2 (3')	Total/NA	Solid	8015 NM	
880-49784-20	T-2 (4')	Total/NA	Solid	8015 NM	
880-49784-21	T-2 (5')	Total/NA	Solid	8015 NM	
880-49784-22	T-2 (6')	Total/NA	Solid	8015 NM	
880-49784-23	T-2 (7')	Total/NA	Solid	8015 NM	
880-49784-24	T-2 (8')	Total/NA	Solid	8015 NM	
880-49784-25	T-2 (9')	Total/NA	Solid	8015 NM	
880-49784-26	T-2 (10')	Total/NA	Solid	8015 NM	
880-49784-27	T-2 (11')	Total/NA	Solid	8015 NM	
880-49784-28	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-49784-29	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-49784-30	T-3 (2')	Total/NA	Solid	8015 NM	
880-49784-31	T-3 (3')	Total/NA	Solid	8015 NM	
880-49784-32	T-3 (4')	Total/NA	Solid	8015 NM	
880-49784-33	T-3 (5')	Total/NA	Solid	8015 NM	
880-49784-34	T-3 (6')	Total/NA	Solid	8015 NM	
880-49784-35	T-3 (7')	Total/NA	Solid	8015 NM	
880-49784-36	T-3 (8')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-37	T-3 (9')	Total/NA	Solid	8015 NM	
880-49784-38	T-3 (10')	Total/NA	Solid	8015 NM	
880-49784-39	T-3 (11')	Total/NA	Solid	8015 NM	
880-49784-40	T-3 (12')	Total/NA	Solid	8015 NM	
880-49784-41	T-3 (13')	Total/NA	Solid	8015 NM	
880-49784-42	T-3 (14')	Total/NA	Solid	8015 NM	
880-49784-43	T-3 (15')	Total/NA	Solid	8015 NM	
880-49784-44	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-49784-45	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-49784-46	T-4 (2')	Total/NA	Solid	8015 NM	
880-49784-47	T-4 (3')	Total/NA	Solid	8015 NM	
880-49784-48	T-4 (4')	Total/NA	Solid	8015 NM	
880-49784-49	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-49784-50	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-49784-51	T-5 (2')	Total/NA	Solid	8015 NM	
880-49784-52	T-5 (3')	Total/NA	Solid	8015 NM	
880-49784-53	T-5 (4')	Total/NA	Solid	8015 NM	
880-49784-54	T-5 (5')	Total/NA	Solid	8015 NM	
880-49784-55	T-5 (6')	Total/NA	Solid	8015 NM	
880-49784-56	T-5 (7')	Total/NA	Solid	8015 NM	
880-49784-57	T-5 (8')	Total/NA	Solid	8015 NM	
880-49784-58	T-5 (9')	Total/NA	Solid	8015 NM	
880-49784-59	T-5 (10')	Total/NA	Solid	8015 NM	
880-49784-60	T-5 (11')	Total/NA	Solid	8015 NM	
880-49784-61	T-5 (12')	Total/NA	Solid	8015 NM	
880-49784-62	T-5 (13')	Total/NA	Solid	8015 NM	
880-49784-63	T-5 (14')	Total/NA	Solid	8015 NM	
880-49784-64	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-49784-65	T-6 (1.5')	Total/NA	Solid	8015 NM	
880-49784-66	T-6 (2')	Total/NA	Solid	8015 NM	
880-49784-67	T-6 (3')	Total/NA	Solid	8015 NM	
880-49784-68	T-6 (4')	Total/NA	Solid	8015 NM	
880-49784-69	T-6 (5')	Total/NA	Solid	8015 NM	
880-49784-70	T-6 (6')	Total/NA	Solid	8015 NM	
880-49784-71	T-6 (7')	Total/NA	Solid	8015 NM	
880-49784-72	T-6 (8')	Total/NA	Solid	8015 NM	
880-49784-73	T-6 (9')	Total/NA	Solid	8015 NM	
880-49784-74	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-49784-75	T-7 (1.5')	Total/NA	Solid	8015 NM	
880-49784-76	T-7 (2')	Total/NA	Solid	8015 NM	
880-49784-77	T-7 (3')	Total/NA	Solid	8015 NM	
880-49784-78	T-7 (4')	Total/NA	Solid	8015 NM	
880-49784-79	T-7 (5')	Total/NA	Solid	8015 NM	
880-49784-80	T-7 (6')	Total/NA	Solid	8015 NM	
880-49784-81	T-7 (7')	Total/NA	Solid	8015 NM	
880-49784-82	T-7 (8')	Total/NA	Solid	8015 NM	
880-49784-83	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-49784-84	T-8 (1.5')	Total/NA	Solid	8015 NM	
880-49784-85	T-8 (2')	Total/NA	Solid	8015 NM	
880-49784-86	T-8 (3')	Total/NA	Solid	8015 NM	
880-49784-87	T-8 (4')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-88	T-8 (5')	Total/NA	Solid	8015 NM	
880-49784-89	T-8 (6')	Total/NA	Solid	8015 NM	
880-49784-90	T-8 (7')	Total/NA	Solid	8015 NM	
880-49784-91	T-8 (8')	Total/NA	Solid	8015 NM	

Analysis Batch: 93581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-21	T-2 (5')	Total/NA	Solid	8015B NM	93362
880-49784-22	T-2 (6')	Total/NA	Solid	8015B NM	93362
880-49784-23	T-2 (7')	Total/NA	Solid	8015B NM	93362
880-49784-24	T-2 (8')	Total/NA	Solid	8015B NM	93362
880-49784-25	T-2 (9')	Total/NA	Solid	8015B NM	93362
880-49784-26	T-2 (10')	Total/NA	Solid	8015B NM	93362
880-49784-27	T-2 (11')	Total/NA	Solid	8015B NM	93362
880-49784-28	T-3 (0-1')	Total/NA	Solid	8015B NM	93362
880-49784-29	T-3 (1.5')	Total/NA	Solid	8015B NM	93362
880-49784-30	T-3 (2')	Total/NA	Solid	8015B NM	93362
880-49784-31	T-3 (3')	Total/NA	Solid	8015B NM	93362
880-49784-32	T-3 (4')	Total/NA	Solid	8015B NM	93362
880-49784-33	T-3 (5')	Total/NA	Solid	8015B NM	93362
880-49784-34	T-3 (6')	Total/NA	Solid	8015B NM	93362
880-49784-35	T-3 (7')	Total/NA	Solid	8015B NM	93362
880-49784-36	T-3 (8')	Total/NA	Solid	8015B NM	93362
880-49784-37	T-3 (9')	Total/NA	Solid	8015B NM	93362
880-49784-38	T-3 (10')	Total/NA	Solid	8015B NM	93362
880-49784-39	T-3 (11')	Total/NA	Solid	8015B NM	93362
880-49784-40	T-3 (12')	Total/NA	Solid	8015B NM	93362
MB 880-93362/1-A	Method Blank	Total/NA	Solid	8015B NM	93362
LCS 880-93362/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93362
LCSD 880-93362/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93362
880-49784-21 MS	T-2 (5')	Total/NA	Solid	8015B NM	93362
880-49784-21 MSD	T-2 (5')	Total/NA	Solid	8015B NM	93362

Analysis Batch: 93583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-61	T-5 (12')	Total/NA	Solid	8015B NM	93364
880-49784-62	T-5 (13')	Total/NA	Solid	8015B NM	93364
880-49784-63	T-5 (14')	Total/NA	Solid	8015B NM	93364
880-49784-64	T-6 (0-1')	Total/NA	Solid	8015B NM	93364
880-49784-65	T-6 (1.5')	Total/NA	Solid	8015B NM	93364
880-49784-66	T-6 (2')	Total/NA	Solid	8015B NM	93364
880-49784-67	T-6 (3')	Total/NA	Solid	8015B NM	93364
880-49784-68	T-6 (4')	Total/NA	Solid	8015B NM	93364
880-49784-69	T-6 (5')	Total/NA	Solid	8015B NM	93364
880-49784-70	T-6 (6')	Total/NA	Solid	8015B NM	93364
880-49784-71	T-6 (7')	Total/NA	Solid	8015B NM	93364
880-49784-72	T-6 (8')	Total/NA	Solid	8015B NM	93364
880-49784-73	T-6 (9')	Total/NA	Solid	8015B NM	93364
880-49784-74	T-7 (0-1')	Total/NA	Solid	8015B NM	93364
880-49784-75	T-7 (1.5')	Total/NA	Solid	8015B NM	93364
880-49784-76	T-7 (2')	Total/NA	Solid	8015B NM	93364

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 93583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-77	T-7 (3')	Total/NA	Solid	8015B NM	93364
880-49784-78	T-7 (4')	Total/NA	Solid	8015B NM	93364
880-49784-79	T-7 (5')	Total/NA	Solid	8015B NM	93364
880-49784-80	T-7 (6')	Total/NA	Solid	8015B NM	93364
MB 880-93364/1-A	Method Blank	Total/NA	Solid	8015B NM	93364
LCS 880-93364/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	93364
LCSD 880-93364/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	93364
880-49784-61 MS	T-5 (12')	Total/NA	Solid	8015B NM	93364
880-49784-61 MSD	T-5 (12')	Total/NA	Solid	8015B NM	93364

HPLC/IC

Leach Batch: 93351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-49784-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-49784-3	T-1 (2')	Soluble	Solid	DI Leach	
880-49784-4	T-1 (3')	Soluble	Solid	DI Leach	
880-49784-5	T-1 (4')	Soluble	Solid	DI Leach	
880-49784-6	T-1 (5')	Soluble	Solid	DI Leach	
880-49784-7	T-1 (6')	Soluble	Solid	DI Leach	
880-49784-8	T-1 (7')	Soluble	Solid	DI Leach	
880-49784-9	T-1 (8')	Soluble	Solid	DI Leach	
880-49784-10	T-1 (9')	Soluble	Solid	DI Leach	
880-49784-11	T-1 (10')	Soluble	Solid	DI Leach	
880-49784-12	T-1 (11')	Soluble	Solid	DI Leach	
880-49784-13	T-1 (12')	Soluble	Solid	DI Leach	
880-49784-14	T-1 (13')	Soluble	Solid	DI Leach	
880-49784-15	T-1 (14')	Soluble	Solid	DI Leach	
880-49784-16	T-2 (0-1')	Soluble	Solid	DI Leach	
880-49784-17	T-2 (1.5')	Soluble	Solid	DI Leach	
880-49784-18	T-2 (2')	Soluble	Solid	DI Leach	
880-49784-19	T-2 (3')	Soluble	Solid	DI Leach	
MB 880-93351/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93351/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93351/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-10 MS	T-1 (9')	Soluble	Solid	DI Leach	
880-49784-10 MSD	T-1 (9')	Soluble	Solid	DI Leach	

Analysis Batch: 93372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-1	T-1 (0-1')	Soluble	Solid	300.0	93351
880-49784-2	T-1 (1.5')	Soluble	Solid	300.0	93351
880-49784-3	T-1 (2')	Soluble	Solid	300.0	93351
880-49784-4	T-1 (3')	Soluble	Solid	300.0	93351
880-49784-5	T-1 (4')	Soluble	Solid	300.0	93351
880-49784-6	T-1 (5')	Soluble	Solid	300.0	93351
880-49784-7	T-1 (6')	Soluble	Solid	300.0	93351
880-49784-8	T-1 (7')	Soluble	Solid	300.0	93351
880-49784-9	T-1 (8')	Soluble	Solid	300.0	93351
880-49784-10	T-1 (9')	Soluble	Solid	300.0	93351

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 93372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-11	T-1 (10')	Soluble	Solid	300.0	93351
880-49784-12	T-1 (11')	Soluble	Solid	300.0	93351
880-49784-13	T-1 (12')	Soluble	Solid	300.0	93351
880-49784-14	T-1 (13')	Soluble	Solid	300.0	93351
880-49784-15	T-1 (14')	Soluble	Solid	300.0	93351
880-49784-16	T-2 (0-1')	Soluble	Solid	300.0	93351
880-49784-17	T-2 (1.5')	Soluble	Solid	300.0	93351
880-49784-18	T-2 (2')	Soluble	Solid	300.0	93351
880-49784-19	T-2 (3')	Soluble	Solid	300.0	93351
MB 880-93351/1-A	Method Blank	Soluble	Solid	300.0	93351
LCS 880-93351/2-A	Lab Control Sample	Soluble	Solid	300.0	93351
LCSD 880-93351/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93351
880-49784-10 MS	T-1 (9')	Soluble	Solid	300.0	93351
880-49784-10 MSD	T-1 (9')	Soluble	Solid	300.0	93351

Leach Batch: 93414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-20	T-2 (4')	Soluble	Solid	DI Leach	
880-49784-21	T-2 (5')	Soluble	Solid	DI Leach	
880-49784-22	T-2 (6')	Soluble	Solid	DI Leach	
880-49784-23	T-2 (7')	Soluble	Solid	DI Leach	
880-49784-24	T-2 (8')	Soluble	Solid	DI Leach	
880-49784-25	T-2 (9')	Soluble	Solid	DI Leach	
880-49784-26	T-2 (10')	Soluble	Solid	DI Leach	
880-49784-27	T-2 (11')	Soluble	Solid	DI Leach	
880-49784-28	T-3 (0-1')	Soluble	Solid	DI Leach	
880-49784-29	T-3 (1.5')	Soluble	Solid	DI Leach	
880-49784-30	T-3 (2')	Soluble	Solid	DI Leach	
880-49784-31	T-3 (3')	Soluble	Solid	DI Leach	
880-49784-32	T-3 (4')	Soluble	Solid	DI Leach	
880-49784-33	T-3 (5')	Soluble	Solid	DI Leach	
880-49784-34	T-3 (6')	Soluble	Solid	DI Leach	
880-49784-35	T-3 (7')	Soluble	Solid	DI Leach	
880-49784-36	T-3 (8')	Soluble	Solid	DI Leach	
880-49784-37	T-3 (9')	Soluble	Solid	DI Leach	
880-49784-38	T-3 (10')	Soluble	Solid	DI Leach	
880-49784-39	T-3 (11')	Soluble	Solid	DI Leach	
MB 880-93414/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93414/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93414/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-20 MS	T-2 (4')	Soluble	Solid	DI Leach	
880-49784-20 MSD	T-2 (4')	Soluble	Solid	DI Leach	
880-49784-30 MS	T-3 (2')	Soluble	Solid	DI Leach	
880-49784-30 MSD	T-3 (2')	Soluble	Solid	DI Leach	

Leach Batch: 93415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-40	T-3 (12')	Soluble	Solid	DI Leach	
880-49784-41	T-3 (13')	Soluble	Solid	DI Leach	
880-49784-42	T-3 (14')	Soluble	Solid	DI Leach	
880-49784-43	T-3 (15')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 93415 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-44	T-4 (0-1')	Soluble	Solid	DI Leach	
880-49784-45	T-4 (1.5')	Soluble	Solid	DI Leach	
880-49784-46	T-4 (2')	Soluble	Solid	DI Leach	
880-49784-47	T-4 (3')	Soluble	Solid	DI Leach	
880-49784-48	T-4 (4')	Soluble	Solid	DI Leach	
880-49784-49	T-5 (0-1')	Soluble	Solid	DI Leach	
880-49784-50	T-5 (1.5')	Soluble	Solid	DI Leach	
880-49784-51	T-5 (2')	Soluble	Solid	DI Leach	
880-49784-52	T-5 (3')	Soluble	Solid	DI Leach	
880-49784-53	T-5 (4')	Soluble	Solid	DI Leach	
880-49784-54	T-5 (5')	Soluble	Solid	DI Leach	
880-49784-55	T-5 (6')	Soluble	Solid	DI Leach	
880-49784-56	T-5 (7')	Soluble	Solid	DI Leach	
880-49784-57	T-5 (8')	Soluble	Solid	DI Leach	
880-49784-58	T-5 (9')	Soluble	Solid	DI Leach	
880-49784-59	T-5 (10')	Soluble	Solid	DI Leach	
MB 880-93415/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93415/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93415/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-40 MS	T-3 (12')	Soluble	Solid	DI Leach	
880-49784-40 MSD	T-3 (12')	Soluble	Solid	DI Leach	
880-49784-50 MS	T-5 (1.5')	Soluble	Solid	DI Leach	
880-49784-50 MSD	T-5 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 93416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-60	T-5 (11')	Soluble	Solid	DI Leach	
880-49784-61	T-5 (12')	Soluble	Solid	DI Leach	
880-49784-62	T-5 (13')	Soluble	Solid	DI Leach	
880-49784-63	T-5 (14')	Soluble	Solid	DI Leach	
880-49784-64	T-6 (0-1')	Soluble	Solid	DI Leach	
880-49784-65	T-6 (1.5')	Soluble	Solid	DI Leach	
880-49784-66	T-6 (2')	Soluble	Solid	DI Leach	
880-49784-67	T-6 (3')	Soluble	Solid	DI Leach	
880-49784-68	T-6 (4')	Soluble	Solid	DI Leach	
880-49784-69	T-6 (5')	Soluble	Solid	DI Leach	
880-49784-70	T-6 (6')	Soluble	Solid	DI Leach	
880-49784-71	T-6 (7')	Soluble	Solid	DI Leach	
880-49784-72	T-6 (8')	Soluble	Solid	DI Leach	
880-49784-73	T-6 (9')	Soluble	Solid	DI Leach	
880-49784-74	T-7 (0-1')	Soluble	Solid	DI Leach	
880-49784-75	T-7 (1.5')	Soluble	Solid	DI Leach	
880-49784-76	T-7 (2')	Soluble	Solid	DI Leach	
880-49784-77	T-7 (3')	Soluble	Solid	DI Leach	
880-49784-78	T-7 (4')	Soluble	Solid	DI Leach	
880-49784-79	T-7 (5')	Soluble	Solid	DI Leach	
MB 880-93416/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93416/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93416/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-60 MS	T-5 (11')	Soluble	Solid	DI Leach	
880-49784-60 MSD	T-5 (11')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 93416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-70 MS	T-6 (6')	Soluble	Solid	DI Leach	
880-49784-70 MSD	T-6 (6')	Soluble	Solid	DI Leach	

Leach Batch: 93417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-80	T-7 (6')	Soluble	Solid	DI Leach	
880-49784-81	T-7 (7')	Soluble	Solid	DI Leach	
880-49784-82	T-7 (8')	Soluble	Solid	DI Leach	
880-49784-83	T-8 (0-1')	Soluble	Solid	DI Leach	
880-49784-84	T-8 (1.5')	Soluble	Solid	DI Leach	
880-49784-85	T-8 (2')	Soluble	Solid	DI Leach	
880-49784-86	T-8 (3')	Soluble	Solid	DI Leach	
880-49784-87	T-8 (4')	Soluble	Solid	DI Leach	
880-49784-88	T-8 (5')	Soluble	Solid	DI Leach	
880-49784-89	T-8 (6')	Soluble	Solid	DI Leach	
880-49784-90	T-8 (7')	Soluble	Solid	DI Leach	
880-49784-91	T-8 (8')	Soluble	Solid	DI Leach	
MB 880-93417/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93417/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93417/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49784-80 MS	T-7 (6')	Soluble	Solid	DI Leach	
880-49784-80 MSD	T-7 (6')	Soluble	Solid	DI Leach	
880-49784-90 MS	T-8 (7')	Soluble	Solid	DI Leach	
880-49784-90 MSD	T-8 (7')	Soluble	Solid	DI Leach	

Analysis Batch: 93452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-20	T-2 (4')	Soluble	Solid	300.0	93414
880-49784-21	T-2 (5')	Soluble	Solid	300.0	93414
880-49784-22	T-2 (6')	Soluble	Solid	300.0	93414
880-49784-23	T-2 (7')	Soluble	Solid	300.0	93414
880-49784-24	T-2 (8')	Soluble	Solid	300.0	93414
880-49784-25	T-2 (9')	Soluble	Solid	300.0	93414
880-49784-26	T-2 (10')	Soluble	Solid	300.0	93414
880-49784-27	T-2 (11')	Soluble	Solid	300.0	93414
880-49784-28	T-3 (0-1')	Soluble	Solid	300.0	93414
880-49784-29	T-3 (1.5')	Soluble	Solid	300.0	93414
880-49784-30	T-3 (2')	Soluble	Solid	300.0	93414
880-49784-31	T-3 (3')	Soluble	Solid	300.0	93414
880-49784-32	T-3 (4')	Soluble	Solid	300.0	93414
880-49784-33	T-3 (5')	Soluble	Solid	300.0	93414
880-49784-34	T-3 (6')	Soluble	Solid	300.0	93414
880-49784-35	T-3 (7')	Soluble	Solid	300.0	93414
880-49784-36	T-3 (8')	Soluble	Solid	300.0	93414
880-49784-37	T-3 (9')	Soluble	Solid	300.0	93414
880-49784-38	T-3 (10')	Soluble	Solid	300.0	93414
880-49784-39	T-3 (11')	Soluble	Solid	300.0	93414
MB 880-93414/1-A	Method Blank	Soluble	Solid	300.0	93414
LCS 880-93414/2-A	Lab Control Sample	Soluble	Solid	300.0	93414
LCSD 880-93414/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93414
880-49784-20 MS	T-2 (4')	Soluble	Solid	300.0	93414

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 93452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-20 MSD	T-2 (4')	Soluble	Solid	300.0	93414
880-49784-30 MS	T-3 (2')	Soluble	Solid	300.0	93414
880-49784-30 MSD	T-3 (2')	Soluble	Solid	300.0	93414

Analysis Batch: 93457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-40	T-3 (12')	Soluble	Solid	300.0	93415
880-49784-41	T-3 (13')	Soluble	Solid	300.0	93415
880-49784-42	T-3 (14')	Soluble	Solid	300.0	93415
880-49784-43	T-3 (15')	Soluble	Solid	300.0	93415
880-49784-44	T-4 (0-1')	Soluble	Solid	300.0	93415
880-49784-45	T-4 (1.5')	Soluble	Solid	300.0	93415
880-49784-46	T-4 (2')	Soluble	Solid	300.0	93415
880-49784-47	T-4 (3')	Soluble	Solid	300.0	93415
880-49784-48	T-4 (4')	Soluble	Solid	300.0	93415
880-49784-49	T-5 (0-1')	Soluble	Solid	300.0	93415
880-49784-50	T-5 (1.5')	Soluble	Solid	300.0	93415
880-49784-51	T-5 (2')	Soluble	Solid	300.0	93415
880-49784-52	T-5 (3')	Soluble	Solid	300.0	93415
880-49784-53	T-5 (4')	Soluble	Solid	300.0	93415
880-49784-54	T-5 (5')	Soluble	Solid	300.0	93415
880-49784-55	T-5 (6')	Soluble	Solid	300.0	93415
880-49784-56	T-5 (7')	Soluble	Solid	300.0	93415
880-49784-57	T-5 (8')	Soluble	Solid	300.0	93415
880-49784-58	T-5 (9')	Soluble	Solid	300.0	93415
880-49784-59	T-5 (10')	Soluble	Solid	300.0	93415
MB 880-93415/1-A	Method Blank	Soluble	Solid	300.0	93415
LCS 880-93415/2-A	Lab Control Sample	Soluble	Solid	300.0	93415
LCSD 880-93415/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93415
880-49784-40 MS	T-3 (12')	Soluble	Solid	300.0	93415
880-49784-40 MSD	T-3 (12')	Soluble	Solid	300.0	93415
880-49784-50 MS	T-5 (1.5')	Soluble	Solid	300.0	93415
880-49784-50 MSD	T-5 (1.5')	Soluble	Solid	300.0	93415

Analysis Batch: 93458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-60	T-5 (11')	Soluble	Solid	300.0	93416
880-49784-61	T-5 (12')	Soluble	Solid	300.0	93416
880-49784-62	T-5 (13')	Soluble	Solid	300.0	93416
880-49784-63	T-5 (14')	Soluble	Solid	300.0	93416
880-49784-64	T-6 (0-1')	Soluble	Solid	300.0	93416
880-49784-65	T-6 (1.5')	Soluble	Solid	300.0	93416
880-49784-66	T-6 (2')	Soluble	Solid	300.0	93416
880-49784-67	T-6 (3')	Soluble	Solid	300.0	93416
880-49784-68	T-6 (4')	Soluble	Solid	300.0	93416
880-49784-69	T-6 (5')	Soluble	Solid	300.0	93416
880-49784-70	T-6 (6')	Soluble	Solid	300.0	93416
880-49784-71	T-6 (7')	Soluble	Solid	300.0	93416
880-49784-72	T-6 (8')	Soluble	Solid	300.0	93416
880-49784-73	T-6 (9')	Soluble	Solid	300.0	93416
880-49784-74	T-7 (0-1')	Soluble	Solid	300.0	93416

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 93458 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-75	T-7 (1.5')	Soluble	Solid	300.0	93416
880-49784-76	T-7 (2')	Soluble	Solid	300.0	93416
880-49784-77	T-7 (3')	Soluble	Solid	300.0	93416
880-49784-78	T-7 (4')	Soluble	Solid	300.0	93416
880-49784-79	T-7 (5')	Soluble	Solid	300.0	93416
MB 880-93416/1-A	Method Blank	Soluble	Solid	300.0	93416
LCS 880-93416/2-A	Lab Control Sample	Soluble	Solid	300.0	93416
LCSD 880-93416/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93416
880-49784-60 MS	T-5 (11')	Soluble	Solid	300.0	93416
880-49784-60 MSD	T-5 (11')	Soluble	Solid	300.0	93416
880-49784-70 MS	T-6 (6')	Soluble	Solid	300.0	93416
880-49784-70 MSD	T-6 (6')	Soluble	Solid	300.0	93416

Analysis Batch: 93464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49784-80	T-7 (6')	Soluble	Solid	300.0	93417
880-49784-81	T-7 (7')	Soluble	Solid	300.0	93417
880-49784-82	T-7 (8')	Soluble	Solid	300.0	93417
880-49784-83	T-8 (0-1')	Soluble	Solid	300.0	93417
880-49784-84	T-8 (1.5')	Soluble	Solid	300.0	93417
880-49784-85	T-8 (2')	Soluble	Solid	300.0	93417
880-49784-86	T-8 (3')	Soluble	Solid	300.0	93417
880-49784-87	T-8 (4')	Soluble	Solid	300.0	93417
880-49784-88	T-8 (5')	Soluble	Solid	300.0	93417
880-49784-89	T-8 (6')	Soluble	Solid	300.0	93417
880-49784-90	T-8 (7')	Soluble	Solid	300.0	93417
880-49784-91	T-8 (8')	Soluble	Solid	300.0	93417
MB 880-93417/1-A	Method Blank	Soluble	Solid	300.0	93417
LCS 880-93417/2-A	Lab Control Sample	Soluble	Solid	300.0	93417
LCSD 880-93417/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93417
880-49784-80 MS	T-7 (6')	Soluble	Solid	300.0	93417
880-49784-80 MSD	T-7 (6')	Soluble	Solid	300.0	93417
880-49784-90 MS	T-8 (7')	Soluble	Solid	300.0	93417
880-49784-90 MSD	T-8 (7')	Soluble	Solid	300.0	93417

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-49784-1
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/15/24 23:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 17:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 17:31	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 00:46	CH	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-49784-2
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 18:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 00:51	CH	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-49784-3
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 18:33	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 00:57	CH	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-49784-4
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:53	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (3')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 18:48	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 01:02	CH	EET MID

Client Sample ID: T-1 (4')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 19:03	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 01:18	CH	EET MID

Client Sample ID: T-1 (5')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 19:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 01:24	CH	EET MID

Client Sample ID: T-1 (6')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 19:36	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-7
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			5.03 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 01:29	CH	EET MID

Client Sample ID: T-1 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-8
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			5.00 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 02:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 19:51	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 01:34	CH	EET MID

Client Sample ID: T-1 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-9
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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 02:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 20:08	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 01:40	CH	EET MID

Client Sample ID: T-1 (9')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-10
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			5.03 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 02:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 20:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 01:45	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (10')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 04:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 20:55	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 02:01	CH	EET MID

Client Sample ID: T-1 (11')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-12
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			4.98 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 05:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 21:11	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93372	10/16/24 02:07	CH	EET MID

Client Sample ID: T-1 (12')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 02:23	CH	EET MID

Client Sample ID: T-1 (13')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 05:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:48	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (13')

Lab Sample ID: 880-49784-14
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/16/24 21:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 21:43	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:28	CH	EET MID

Client Sample ID: T-1 (14')

Lab Sample ID: 880-49784-15
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 06:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 21:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:34	CH	EET MID

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-49784-16
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 06:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:39	CH	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-49784-17
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 06:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 22:30	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-49784-17
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:45	CH	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-49784-18
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 07:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 22:47	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93372	10/16/24 02:50	CH	EET MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-49784-19
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 07:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 07:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 23:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 23:02	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93351	10/15/24 11:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93372	10/16/24 02:56	CH	EET MID

Client Sample ID: T-2 (4')

Lab Sample ID: 880-49784-20
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93340	10/15/24 11:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93308	10/16/24 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 07:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 23:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93361	10/15/24 12:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93454	10/16/24 23:19	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 22:28	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (5')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-21
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			4.96 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 22:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 17:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 17:02	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/16/24 22:44	CH	EET MID

Client Sample ID: T-2 (6')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-22
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			4.98 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 23:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 17:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 17:49	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93452	10/16/24 22:49	CH	EET MID

Client Sample ID: T-2 (7')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 23:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 18:05	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/16/24 22:54	CH	EET MID

Client Sample ID: T-2 (8')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-24
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			4.99 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/15/24 23:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:47	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (8')

Lab Sample ID: 880-49784-24
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/17/24 18:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 18:21	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:00	CH	EET MID

Client Sample ID: T-2 (9')

Lab Sample ID: 880-49784-25
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 00:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 18:38	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:16	CH	EET MID

Client Sample ID: T-2 (10')

Lab Sample ID: 880-49784-26
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 00:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 18:54	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93452	10/16/24 23:21	CH	EET MID

Client Sample ID: T-2 (11')

Lab Sample ID: 880-49784-27
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 00:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 19:12	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (11')

Lab Sample ID: 880-49784-27
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93452	10/16/24 23:27	CH	EET MID

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-49784-28
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 01:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 19:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:32	CH	EET MID

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-49784-29
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 19:45	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:38	CH	EET MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-49784-30
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 20:01	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/16/24 23:43	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 03:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 20:34	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/16/24 23:59	CH	EET MID

Client Sample ID: T-3 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 20:49	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	93452	10/17/24 00:04	CH	EET MID

Client Sample ID: T-3 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 04:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 21:06	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93452	10/17/24 00:21	CH	EET MID

Client Sample ID: T-3 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:27	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (6')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 21:21	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:26	CH	EET MID

Client Sample ID: T-3 (7')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 04:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 21:38	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:31	CH	EET MID

Client Sample ID: T-3 (8')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 21:53	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:37	CH	EET MID

Client Sample ID: T-3 (9')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 05:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 22:09	TKC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (9')

Lab Sample ID: 880-49784-37
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:42	CH	EET MID

Client Sample ID: T-3 (10')

Lab Sample ID: 880-49784-38
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 22:25	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:48	CH	EET MID

Client Sample ID: T-3 (11')

Lab Sample ID: 880-49784-39
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 06:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 22:41	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93414	10/15/24 16:47	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93452	10/17/24 00:53	CH	EET MID

Client Sample ID: T-3 (12')

Lab Sample ID: 880-49784-40
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93341	10/15/24 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93305	10/16/24 06:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93362	10/15/24 12:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93581	10/17/24 22:59	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 07:32	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (13')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-41
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			4.98 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 21:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 21:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 17:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 17:31	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 07:53	CH	EET MID

Client Sample ID: T-3 (14')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-42
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			4.98 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 21:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 21:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 18:17	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 07:59	CH	EET MID

Client Sample ID: T-3 (15')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-43
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			5.02 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 21:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 18:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 18:33	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:06	CH	EET MID

Client Sample ID: T-4 (0-1')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-44
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			4.99 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 22:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:12	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-49784-44
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/16/24 18:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 18:48	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 08:13	CH	EET MID

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-49784-45
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 22:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 19:03	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:34	CH	EET MID

Client Sample ID: T-4 (2')

Lab Sample ID: 880-49784-46
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 22:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 19:21	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:41	CH	EET MID

Client Sample ID: T-4 (3')

Lab Sample ID: 880-49784-47
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 19:36	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (3')

Lab Sample ID: 880-49784-47
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:48	CH	EET MID

Client Sample ID: T-4 (4')

Lab Sample ID: 880-49784-48
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 23:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 19:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93457	10/17/24 08:54	CH	EET MID

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-49784-49
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/15/24 23:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 20:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:01	CH	EET MID

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-49784-50
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 20:23	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:08	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-51
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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 20:55	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:29	CH	EET MID

Client Sample ID: T-5 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-52
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 02:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 21:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:36	CH	EET MID

Client Sample ID: T-5 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.0 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 21:27	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 09:56	CH	EET MID

Client Sample ID: T-5 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 02:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 02:41	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 21:43	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 10:03	CH	EET MID

Client Sample ID: T-5 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 03:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 21:59	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 10:10	CH	EET MID

Client Sample ID: T-5 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-56
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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 03:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 22:15	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 10:17	CH	EET MID

Client Sample ID: T-5 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-57
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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 03:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 22:30	TKC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (8')

Lab Sample ID: 880-49784-57
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93457	10/17/24 10:24	CH	EET MID

Client Sample ID: T-5 (9')

Lab Sample ID: 880-49784-58
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 04:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 22:47	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	93457	10/17/24 10:31	CH	EET MID

Client Sample ID: T-5 (10')

Lab Sample ID: 880-49784-59
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 04:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 23:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 23:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93415	10/15/24 16:50	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93457	10/17/24 10:38	CH	EET MID

Client Sample ID: T-5 (11')

Lab Sample ID: 880-49784-60
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93342	10/15/24 11:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93307	10/16/24 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 23:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	93363	10/15/24 12:55	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93456	10/16/24 23:19	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 01:36	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (12')

Lab Sample ID: 880-49784-61
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 22:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 17:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 17:02	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 01:52	CH	EET MID

Client Sample ID: T-5 (13')

Lab Sample ID: 880-49784-62
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 23:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 17:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 17:49	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 01:58	CH	EET MID

Client Sample ID: T-5 (14')

Lab Sample ID: 880-49784-63
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 23:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 18:05	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 02:03	CH	EET MID

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-49784-64
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/15/24 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/15/24 23:42	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-49784-64
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/17/24 18:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 18:21	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 02:09	CH	EET MID

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-49784-65
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 00:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 18:38	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 02:25	CH	EET MID

Client Sample ID: T-6 (2')

Lab Sample ID: 880-49784-66
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 00:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 18:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 18:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 02:30	CH	EET MID

Client Sample ID: T-6 (3')

Lab Sample ID: 880-49784-67
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 00:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 00:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 19:12	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-67
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 02:35	CH	EET MID

Client Sample ID: T-6 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-68
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 01:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 19:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93458	10/17/24 02:41	CH	EET MID

Client Sample ID: T-6 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-69
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 01:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 19:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 19:45	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 02:46	CH	EET MID

Client Sample ID: T-6 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 01:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 20:01	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93458	10/17/24 02:52	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (7')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-71
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 03:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 20:34	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 03:08	CH	EET MID

Client Sample ID: T-6 (8')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-72
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 03:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 20:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 20:49	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 03:13	CH	EET MID

Client Sample ID: T-6 (9')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-73
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 04:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 21:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 03:30	CH	EET MID

Client Sample ID: T-7 (0-1')
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-74
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 04:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:21	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-49784-74
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/17/24 21:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 21:21	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93458	10/17/24 03:35	CH	EET MID

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-49784-75
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 04:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 04:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 21:38	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 03:40	CH	EET MID

Client Sample ID: T-7 (2')

Lab Sample ID: 880-49784-76
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 05:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 21:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 21:53	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 03:46	CH	EET MID

Client Sample ID: T-7 (3')

Lab Sample ID: 880-49784-77
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 05:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 22:09	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (3')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93458	10/17/24 03:51	CH	EET MID

Client Sample ID: T-7 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-78
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 05:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 05:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 22:25	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93458	10/17/24 03:57	CH	EET MID

Client Sample ID: T-7 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-79
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 06:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 22:41	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93416	10/15/24 16:52	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93458	10/17/24 04:02	CH	EET MID

Client Sample ID: T-7 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-80
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	93343	10/15/24 11:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93304	10/16/24 06:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 06:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/17/24 22:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93364	10/15/24 12:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93583	10/17/24 22:59	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93464	10/19/24 15:59	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (7')

Lab Sample ID: 880-49784-81
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 11:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 11:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 19:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 19:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 16:20	CH	EET MID

Client Sample ID: T-7 (8')

Lab Sample ID: 880-49784-82
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 11:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 11:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 20:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 16:27	CH	EET MID

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-49784-83
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 11:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 11:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 20:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 16:34	CH	EET MID

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-49784-84
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 12:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 12:15	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-49784-84
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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			93554	10/16/24 20:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 20:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 16:41	CH	EET MID

Client Sample ID: T-8 (2')

Lab Sample ID: 880-49784-85
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 12:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 12:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 20:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 20:53	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93464	10/19/24 17:01	CH	EET MID

Client Sample ID: T-8 (3')

Lab Sample ID: 880-49784-86
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 12:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 12:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 21:08	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93464	10/19/24 17:08	CH	EET MID

Client Sample ID: T-8 (4')

Lab Sample ID: 880-49784-87
Matrix: Solid
Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 13:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 21:23	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (4')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-87
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93464	10/19/24 17:15	CH	EET MID

Client Sample ID: T-8 (5')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-88
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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 13:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 21:37	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	93464	10/19/24 17:22	CH	EET MID

Client Sample ID: T-8 (6')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-89
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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 13:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 21:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 21:52	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	93464	10/19/24 17:29	CH	EET MID

Client Sample ID: T-8 (7')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-90
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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 14:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 22:07	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 17:36	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (8')

Date Collected: 10/07/24 00:00
Date Received: 10/14/24 15:50

Lab Sample ID: 880-49784-91

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	93344	10/15/24 11:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	93431	10/16/24 15:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93451	10/16/24 15:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			93554	10/16/24 22:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	93365	10/15/24 13:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93440	10/16/24 22:36	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	93417	10/15/24 16:54	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93464	10/19/24 17:57	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: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49784-1	T-1 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-2	T-1 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-3	T-1 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-4	T-1 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-5	T-1 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-6	T-1 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-7	T-1 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-8	T-1 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-9	T-1 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-10	T-1 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-11	T-1 (10')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-12	T-1 (11')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-13	T-1 (12')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-14	T-1 (13')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-15	T-1 (14')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-16	T-2 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-17	T-2 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-18	T-2 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-19	T-2 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-20	T-2 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-21	T-2 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-22	T-2 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-23	T-2 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-24	T-2 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-25	T-2 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-26	T-2 (10')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-27	T-2 (11')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-28	T-3 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-29	T-3 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-30	T-3 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-31	T-3 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-32	T-3 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-33	T-3 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-34	T-3 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-35	T-3 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-36	T-3 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-37	T-3 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-38	T-3 (10')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-39	T-3 (11')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-40	T-3 (12')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-41	T-3 (13')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-42	T-3 (14')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-43	T-3 (15')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-44	T-4 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-45	T-4 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-46	T-4 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-47	T-4 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-48	T-4 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-49	T-5 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-50	T-5 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-51	T-5 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-52	T-5 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-53	T-5 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-54	T-5 (5')	Solid	10/07/24 00:00	10/14/24 15:50

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-49784-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49784-55	T-5 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-56	T-5 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-57	T-5 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-58	T-5 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-59	T-5 (10')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-60	T-5 (11')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-61	T-5 (12')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-62	T-5 (13')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-63	T-5 (14')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-64	T-6 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-65	T-6 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-66	T-6 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-67	T-6 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-68	T-6 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-69	T-6 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-70	T-6 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-71	T-6 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-72	T-6 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-73	T-6 (9')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-74	T-7 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-75	T-7 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-76	T-7 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-77	T-7 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-78	T-7 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-79	T-7 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-80	T-7 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-81	T-7 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-82	T-7 (8')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-83	T-8 (0-1')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-84	T-8 (1.5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-85	T-8 (2')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-86	T-8 (3')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-87	T-8 (4')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-88	T-8 (5')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-89	T-8 (6')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-90	T-8 (7')	Solid	10/07/24 00:00	10/14/24 15:50
880-49784-91	T-8 (8')	Solid	10/07/24 00:00	10/14/24 15:50

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Chain of Custody

880-49784 Chain of Custody

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.7
Total Containers:		Corrected Temperature:	-3.8

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-1 (0-1')	10/7/2024		X		G	1		x	x	x	
T-1 (1.5')	10/7/2024		X		G	1		x	x	x	
T-1 (2')	10/7/2024		X		G	1		x	x	x	
T-1 (3')	10/7/2024		X		G	1		x	x	x	
T-1 (4')	10/7/2024		X		G	1		x	x	x	
T-1 (5')	10/7/2024		X		G	1		x	x	x	
T-1 (6')	10/7/2024		X		G	1		x	x	x	
T-1 (7')	10/7/2024		X		G	1		x	x	x	
T-1 (8')	10/7/2024		X		G	1		x	x	x	
T-1 (9')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24

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Chain of Custody

Work Order No: _____

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-1 (10')	10/7/2024		X		G	1		x	x	x	
T-1 (11')	10/7/2024		X		G	1		x	x	x	
T-1 (12')	10/7/2024		X		G	1		x	x	x	
T-1 (13')	10/7/2024		X		G	1		x	x	x	
T-1 (14')	10/7/2024		X		G	1		x	x	x	
T-2 (0-1')	10/7/2024		X		G	1		x	x	x	
T-2 (1.5')	10/7/2024		X		G	1		x	x	x	
T-2 (2')	10/7/2024		X		G	1		x	x	x	
T-2 (3')	10/7/2024		X		G	1		x	x	x	
T-2 (4')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 1550

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Chain of Custody

Work Order No: _____

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-2 (5')	10/7/2024		X		G	1		x	x	x	
T-2 (6')	10/7/2024		X		G	1		x	x	x	
T-2 (7')	10/7/2024		X		G	1		x	x	x	
T-2 (8')	10/7/2024		X		G	1		x	x	x	
T-2 (9')	10/7/2024		X		G	1		x	x	x	
T-2 (10')	10/7/2024		X		G	1		x	x	x	
T-2 (11')	10/7/2024		X		G	1		x	x	x	
T-3 (0-1')	10/7/2024		X		G	1		x	x	x	
T-3 (1.5')	10/7/2024		X		G	1		x	x	x	
T-3 (2')	10/7/2024		X		G	1		x	x	x	

Comments:

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			6/14/24 1550

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Chain of Custody

Work Order No: _____

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-3 (3')	10/7/2024		X		G	1		x	x	x	
T-3 (4')	10/7/2024		X		G	1		x	x	x	
T-3 (5')	10/7/2024		X		G	1		x	x	x	
T-3 (6')	10/7/2024		X		G	1		x	x	x	
T-3 (7')	10/7/2024		X		G	1		x	x	x	
T-3 (8')	10/7/2024		X		G	1		x	x	x	
T-3 (9')	10/7/2024		X		G	1		x	x	x	
T-3 (10')	10/7/2024		X		G	1		x	x	x	
T-3 (11')	10/7/2024		X		G	1		x	x	x	
T-3 (12')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 1550

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Chain of Custody

Work Order No: _____

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-3 (13')	10/7/2024		X		G	1		x	x	x	
T-3 (14')	10/7/2024		X		G	1		x	x	x	
T-3 (15')	10/7/2024		X		G	1		x	x	x	
T-4 (0-1')	10/7/2024		X		G	1		x	x	x	
T-4 (1.5')	10/7/2024		X		G	1		x	x	x	
T-4 (2')	10/7/2024		X		G	1		x	x	x	
T-4 (3')	10/7/2024		X		G	1		x	x	x	
T-4 (4')	10/7/2024		X		G	1		x	x	x	
T-5 (0-1')	10/7/2024		X		G	1		x	x	x	
T-5 (1.5')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 1550

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Chain of Custody

Work Order No: _____

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-5 (2')	10/7/2024		X		G	1		x	x	x	
T-5 (3')	10/7/2024		X		G	1		x	x	x	
T-5 (4')	10/7/2024		X		G	1		x	x	x	
T-5 (5')	10/7/2024		X		G	1		x	x	x	
T-5 (6')	10/7/2024		X		G	1		x	x	x	
T-5 (7')	10/7/2024		X		G	1		x	x	x	
T-5 (8')	10/7/2024		X		G	1		x	x	x	
T-5 (9')	10/7/2024		X		G	1		x	x	x	
T-5 (10')	10/7/2024		X		G	1		x	x	x	
T-5 (11')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/11/24 1550

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Chain of Custody

Work Order No: _____

10/21/2024

Page ___7___ of ___10___

Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-5 (12')	10/7/2024		X		G	1		x	x	x	
T-5 (13')	10/7/2024		X		G	1		x	x	x	
T-5 (14')	10/7/2024		X		G	1		x	x	x	
T-6 (0-1')	10/7/2024		X		G	1		x	x	x	
T-6 (1.5')	10/7/2024		X		G	1		x	x	x	
T-6 (2')	10/7/2024		X		G	1		x	x	x	
T-6 (3')	10/7/2024		X		G	1		x	x	x	
T-6 (4')	10/7/2024		X		G	1		x	x	x	
T-6 (5')	10/7/2024		X		G	1		x	x	x	
T-6 (6')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 KS

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Chain of Custody

Work Order No: _____

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-6 (7')	10/7/2024		X		G	1		x	x	x	
T-6 (8')	10/7/2024		X		G	1		x	x	x	
T-6 (9')	10/7/2024		X		G	1		x	x	x	
T-7 (0-1')	10/7/2024		X		G	1		x	x	x	
T-7 (1.5')	10/7/2024		X		G	1		x	x	x	
T-7 (2')	10/7/2024		X		G	1		x	x	x	
T-7 (3')	10/7/2024		X		G	1		x	x	x	
T-7 (4')	10/7/2024		X		G	1		x	x	x	
T-7 (5')	10/7/2024		X		G	1		x	x	x	
T-7 (6')	10/7/2024		X		G	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 1550

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Chain of Custody

Work Order No: _____

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-7 (7')	10/7/2024		X		G	1			x	x	x	
T-7 (8')	10/7/2024		X		G	1			x	x	x	
T-8 (0-1')	10/7/2024		X		G	1			x	x	x	
T-8 (1.5')	10/7/2024		X		G	1			x	x	x	
T-8 (2')	10/7/2024		X		G	1			x	x	x	
T-8 (3')	10/7/2024		X		G	1			x	x	x	
T-8 (4')	10/7/2024		X		G	1			x	x	x	
T-8 (5')	10/7/2024		X		G	1			x	x	x	
T-8 (6')	10/7/2024		X		G	1			x	x	x	
T-8 (7')	10/7/2024		X		G	1			x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 1550

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Chain of Custody

Work Order No: 784

10/21/2024

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Project Manager:	Connor Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	GPJ/DI/CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
T-8 (8')	10/7/2024		X		G	1		x	x	x	

Parameters

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/14/24 1550

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-49784-1
SDG Number: Lea County, New Mexico

Login Number: 49784
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 4/10/2025 2:38:33 PM

JOB DESCRIPTION

NGL-Tie In
Lea County, New Mexico

JOB NUMBER

880-56607-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
4/10/2025 2:38:33 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: NGL-Tie In

Laboratory Job ID: 880-56607-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, 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.
E	Result exceeded calibration range.
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

Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-56607-1

Job ID: 880-56607-1 Eurofins Midland

Job Narrative
880-56607-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/8/2025 3:12 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.3°C.

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-3 (2.5') (880-56607-3). 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: CS-64 (4.5') (880-56607-64), CS-67 (4.5') (880-56607-67), CS-68 (4.5') (880-56607-68), CS-70 (4.5') (880-56607-70), CS-71 (4.5') (880-56607-71), CS-72 (4.5') (880-56607-72), CS-76 (4.5') (880-56607-76) and (880-56607-A-61-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-107140 and analytical batch 880-107197 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-107198 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:(CCV 880-107198/20) and (CCV 880-107198/33).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-107128 and analytical batch 880-107220 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-107128/2-A) and (LCSD 880-107128/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-107129 and analytical batch 880-107222 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-4 (2.5') (880-56607-4), CS-17 (4.5') (880-56607-17), (LCS 880-107129/2-A), (LCSD 880-107129/3-A), (880-56607-A-4-C MS) and (880-56607-A-4-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-107129 and analytical batch 880-107222 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-5 (4.5') (880-56607-5), CS-6 (4.5') (880-56607-6), CS-7 (4.5') (880-56607-7), CS-10 (4.5') (880-56607-10) and CS-14 (4.5') (880-56607-14). Evidence of matrix

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-56607-1

Job ID: 880-56607-1 (Continued) Eurofins Midland

interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-107134/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-107225/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-107212 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-107224/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107224 and analytical batch 880-107212 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 laboratory control sample (LCS) associated with preparation batch 880-107226 and analytical batch 880-107212 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-107226/2-A) and (LCSD 880-107226/3-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107131 and analytical batch 880-107135 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107130 and analytical batch 880-107137 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107139 and analytical batch 880-107147 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-107139 and analytical batch 880-107147 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107150 and analytical batch 880-107156 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-107150 and analytical batch 880-107156 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-56607-1

Job ID: 880-56607-1 (Continued) Eurofins Midland

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: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2.5')

Lab Sample ID: 880-56607-1
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 19:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 19:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 19:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 15:50	04/08/25 19:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 19:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 15:50	04/08/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/08/25 15:50*	*04/08/25 19:31*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/08/25 15:50*	*04/08/25 19:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 19:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 14:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/08/25 15:33	04/09/25 14:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/25 15:33	04/09/25 14:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/25 15:33	04/09/25 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*04/08/25 15:33*	*04/09/25 14:34*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*04/08/25 15:33*	*04/09/25 14:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**	**F1**	10.0		mg/Kg			04/08/25 17:19	1

Client Sample ID: CS-2 (2.5')

Lab Sample ID: 880-56607-2
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 19:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 19:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 19:52	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 15:50	04/08/25 19:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 19:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 15:50	04/08/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/08/25 15:50*	*04/08/25 19:52*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/08/25 15:50*	*04/08/25 19:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (2.5')

Lab Sample ID: 880-56607-2
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/25 19:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 14:49	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	<49.7	U	49.7		mg/Kg		04/08/25 15:33	04/09/25 14:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/08/25 15:33	04/09/25 14:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/08/25 15:33	04/09/25 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*04/08/25 15:33*	*04/09/25 14:49*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*04/08/25 15:33*	*04/09/25 14:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.6**		9.98		mg/Kg			04/08/25 17:41	1

Client Sample ID: CS-3 (2.5')

Lab Sample ID: 880-56607-3
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/08/25 15:50	04/08/25 20:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/25 15:50	04/08/25 20:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/25 15:50	04/08/25 20:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/25 15:50	04/08/25 20:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/25 15:50	04/08/25 20:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/25 15:50	04/08/25 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*04/08/25 15:50*	*04/08/25 20:12*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/08/25 15:50*	*04/08/25 20:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/25 20:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 15:04	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	50.0		mg/Kg		04/08/25 15:33	04/09/25 15:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/25 15:33	04/09/25 15:04	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (2.5')

Lab Sample ID: 880-56607-3
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/25 15:33	04/09/25 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/08/25 15:33*	*04/09/25 15:04*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/08/25 15:33*	*04/09/25 15:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.6**		9.94		mg/Kg			04/08/25 17:49	1

Client Sample ID: CS-4 (2.5')

Lab Sample ID: 880-56607-4
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/08/25 15:50	04/08/25 20:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/25 15:50	04/08/25 20:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/25 15:50	04/08/25 20:33	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/08/25 15:50	04/08/25 20:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/25 15:50	04/08/25 20:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/25 15:50	04/08/25 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/08/25 15:50*	*04/08/25 20:33*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/08/25 15:50*	*04/08/25 20:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/08/25 20:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 09:42	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		04/08/25 15:46	04/09/25 09:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/08/25 15:46	04/09/25 09:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/25 15:46	04/09/25 09:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 09:42*	*1*
o-Terphenyl (Surr)	*138*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 09:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.2**		9.92		mg/Kg			04/08/25 17:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (4.5')

Lab Sample ID: 880-56607-5
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 20:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 20:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 20:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 15:50	04/08/25 20:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 20:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 15:50	04/08/25 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/08/25 15:50*	*04/08/25 20:53*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/08/25 15:50*	*04/08/25 20:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 20:53	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			04/09/25 10:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 10:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/08/25 15:46	04/09/25 10:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*04/08/25 15:46*	*04/09/25 10:33*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 10:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2130**		49.5		mg/Kg			04/08/25 18:04	5

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-56607-6
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 21:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 21:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 21:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 15:50	04/08/25 21:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 21:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 15:50	04/08/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/08/25 15:50*	*04/08/25 21:13*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/08/25 15:50*	*04/08/25 21:13*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-56607-6
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 21:13	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			04/09/25 10:48	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	<49.7	U	49.7		mg/Kg		04/08/25 15:46	04/09/25 10:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/08/25 15:46	04/09/25 10:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/08/25 15:46	04/09/25 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*130*		*70 - 130*	*04/08/25 15:46*	*04/09/25 10:48*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 10:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3090**		50.1		mg/Kg			04/08/25 18:26	5

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-56607-7
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 21:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 21:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 21:34	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 15:50	04/08/25 21:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 21:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 15:50	04/08/25 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/08/25 15:50*	*04/08/25 21:34*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/08/25 15:50*	*04/08/25 21:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/25 21:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 11:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/08/25 15:46	04/09/25 11:03	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/08/25 15:46	04/09/25 11:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-56607-7
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/08/25 15:46	04/09/25 11:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*04/08/25 15:46*	*04/09/25 11:03*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 11:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2640**		50.3		mg/Kg			04/08/25 18:33	5

Client Sample ID: CS-8 (4.5')

Lab Sample ID: 880-56607-8
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 21:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 21:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 21:54	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 15:50	04/08/25 21:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 15:50	04/08/25 21:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 15:50	04/08/25 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/08/25 15:50*	*04/08/25 21:54*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/08/25 15:50*	*04/08/25 21:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/25 21:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 11:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 11:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/08/25 15:46	04/09/25 11:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*04/08/25 15:46*	*04/09/25 11:18*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 11:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2650**		49.9		mg/Kg			04/08/25 18:41	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-56607-9
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 22:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 22:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 22:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 15:50	04/08/25 22:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 15:50	04/08/25 22:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 15:50	04/08/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/08/25 15:50*	*04/08/25 22:15*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/08/25 15:50*	*04/08/25 22:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 22:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 11:33	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	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 11:33	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/08/25 15:46	04/09/25 11:33	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/08/25 15:46*	*04/09/25 11:33*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*04/08/25 15:46*	*04/09/25 11:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2430**		50.3		mg/Kg			04/08/25 18:48	5

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-56607-10
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 15:50	04/08/25 22:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 15:50	04/08/25 22:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 15:50	04/08/25 22:35	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 15:50	04/08/25 22:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 15:50	04/08/25 22:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 15:50	04/08/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/08/25 15:50*	*04/08/25 22:35*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/08/25 15:50*	*04/08/25 22:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/08/25 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	<50.4	U	50.4		mg/Kg			04/09/25 11:47	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		04/08/25 15:46	04/09/25 11:47	1
Diesel Range Organics (Over C10-C28)	<50.4	U *+	50.4		mg/Kg		04/08/25 15:46	04/09/25 11:47	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/08/25 15:46	04/09/25 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/08/25 15:46*	*04/09/25 11:47*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 11:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2370**		49.8		mg/Kg			04/08/25 18:56	5

Client Sample ID: CS-11 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-11
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		04/08/25 16:00	04/08/25 19:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 19:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 19:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 19:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 19:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:55*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 19:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 12:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 12:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/08/25 15:46	04/09/25 12:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-56607-11
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/08/25 15:46*	*04/09/25 12:03*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*04/08/25 15:46*	*04/09/25 12:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2780**	**F1**	50.4		mg/Kg			04/08/25 19:03	5

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-56607-12
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 20:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 20:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 20:15	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 20:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 20:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:15*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/25 20:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 12:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 12:18	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/08/25 15:46	04/09/25 12:18	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*04/08/25 15:46*	*04/09/25 12:18*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*04/08/25 15:46*	*04/09/25 12:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2820**		50.3		mg/Kg			04/08/25 19:26	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-13
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		04/08/25 16:00	04/08/25 20:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 20:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 20:36	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/25 16:00	04/08/25 20:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 20:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/25 16:00	04/08/25 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:36*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:36*	*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			04/08/25 20:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/09/25 12:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/08/25 15:46	04/09/25 12:33	1
Diesel Range Organics (Over C10-C28)	<50.2	U *+	50.2		mg/Kg		04/08/25 15:46	04/09/25 12:33	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/08/25 15:46	04/09/25 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*04/08/25 15:46*	*04/09/25 12:33*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*04/08/25 15:46*	*04/09/25 12:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2440**		49.5		mg/Kg			04/08/25 19:33	5

Client Sample ID: CS-14 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-14
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		04/08/25 16:00	04/08/25 20:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:56	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/08/25 16:00	04/08/25 20:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:56	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/25 16:00	04/08/25 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:56*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/08/25 20:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 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	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 12:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/08/25 15:46	04/09/25 12:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*04/08/25 15:46*	*04/09/25 12:48*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 12:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2760**		50.5		mg/Kg			04/08/25 19:55	5

Client Sample ID: CS-15 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-15
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		04/08/25 16:00	04/08/25 21:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 21:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:17*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 21:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 13:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 13:04	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/08/25 15:46	04/09/25 13:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/08/25 15:46*	*04/09/25 13:04*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*04/08/25 15:46*	*04/09/25 13:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2670**		50.3		mg/Kg			04/08/25 20:03	5

Client Sample ID: CS-16 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-16
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 21:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:37*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 21:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/09/25 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		04/08/25 15:46	04/09/25 13:19	1
Diesel Range Organics (Over C10-C28)	<50.1	U *+	50.1		mg/Kg		04/08/25 15:46	04/09/25 13:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/08/25 15:46	04/09/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*04/08/25 15:46*	*04/09/25 13:19*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*04/08/25 15:46*	*04/09/25 13:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2370**		49.6		mg/Kg			04/08/25 20:10	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-17
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		04/08/25 16:00	04/08/25 21:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:58	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 21:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:58*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/25 21:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 13:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/25 15:46	04/09/25 13:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/08/25 15:46	04/09/25 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/25 15:46	04/09/25 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 13:34*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*04/08/25 15:46*	*04/09/25 13:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2660**		49.8		mg/Kg			04/08/25 20:18	5

Client Sample ID: CS-18 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-18
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		04/08/25 16:00	04/08/25 22:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:18	1
Ethylbenzene	**0.00200**		0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:18	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:00	04/08/25 22:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:00	04/08/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:18*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:18*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-18
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			04/08/25 22:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/09/25 13:49	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	<50.4	U	50.4		mg/Kg		04/08/25 15:46	04/09/25 13:49	1
Diesel Range Organics (Over C10-C28)	<50.4	U *+	50.4		mg/Kg		04/08/25 15:46	04/09/25 13:49	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/08/25 15:46	04/09/25 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*04/08/25 15:46*	*04/09/25 13:49*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*04/08/25 15:46*	*04/09/25 13:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2250**		50.5		mg/Kg			04/08/25 20:25	5

Client Sample ID: CS-19 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-19
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		04/08/25 16:00	04/08/25 22:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:00	04/08/25 22:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:00	04/08/25 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:39*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/25 22:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 14:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/08/25 15:46	04/09/25 14:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/08/25 15:46	04/09/25 14:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-19
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/08/25 15:46	04/09/25 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/08/25 15:46*	*04/09/25 14:04*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*04/08/25 15:46*	*04/09/25 14:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2600**		49.8		mg/Kg			04/08/25 20:33	5

Client Sample ID: CS-20 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-20
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		04/08/25 16:00	04/08/25 22:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 22:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 22:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 22:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 22:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:59*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/08/25 16:00*	*04/08/25 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			04/08/25 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	<49.6	U	49.6		mg/Kg			04/09/25 14:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 14:19	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/08/25 15:46	04/09/25 14:19	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/08/25 15:46*	*04/09/25 14:19*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/08/25 15:46*	*04/09/25 14:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2350**		49.9		mg/Kg			04/08/25 20:40	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-21
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		04/08/25 16:00	04/08/25 19:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 19:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 19:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 19:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 19:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:21*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 19:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 14:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 14:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/08/25 15:46	04/09/25 14:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/08/25 15:46	04/09/25 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/08/25 15:46*	*04/09/25 14:34*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*04/08/25 15:46*	*04/09/25 14:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3250**	**F1**	50.2		mg/Kg			04/08/25 21:40	5

Client Sample ID: CS-22 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-22
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		04/08/25 16:00	04/08/25 19:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:41	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 19:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:41*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-22 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/25 19:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/09/25 14:49	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	<50.5	U	50.5		mg/Kg		04/08/25 15:46	04/09/25 14:49	1
Diesel Range Organics (Over C10-C28)	<50.5	U *+	50.5		mg/Kg		04/08/25 15:46	04/09/25 14:49	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/08/25 15:46	04/09/25 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*04/08/25 15:46*	*04/09/25 14:49*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*04/08/25 15:46*	*04/09/25 14:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3010**		49.8		mg/Kg			04/08/25 22:03	5

Client Sample ID: CS-23 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-23
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		04/08/25 16:00	04/08/25 20:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 20:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 20:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/25 16:00	04/08/25 20:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 20:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/25 16:00	04/08/25 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:02*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/25 20:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 15:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 15:04	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/08/25 15:46	04/09/25 15:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-56607-23
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 15:46	04/09/25 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*04/08/25 15:46*	*04/09/25 15:04*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*04/08/25 15:46*	*04/09/25 15:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2660**		49.7		mg/Kg			04/08/25 22:10	5

Client Sample ID: CS-24 (4.5')

Lab Sample ID: 880-56607-24
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:22	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/08/25 16:00	04/08/25 20:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/25 16:00	04/08/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:22*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/08/25 20:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 10:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 10:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/08/25 15:59*	*04/09/25 10:53*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/08/25 15:59*	*04/09/25 10:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2410**		49.5		mg/Kg			04/08/25 22:18	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-25 (4.5')

Lab Sample ID: 880-56607-25
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 20:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:43*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 20:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 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	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 11:42	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 11:42	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/08/25 15:59*	*04/09/25 11:42*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/08/25 15:59*	*04/09/25 11:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2820**		50.3		mg/Kg			04/08/25 22:25	5

Client Sample ID: CS-26 (4.5')

Lab Sample ID: 880-56607-26
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 21:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 21:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:03*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:03*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-26 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-26
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 21:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 11:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 11:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 11:58	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/08/25 15:59*	*04/09/25 11:58*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/08/25 15:59*	*04/09/25 11:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2470**		49.5		mg/Kg			04/08/25 22:47	5

Client Sample ID: CS-27 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-27
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		04/08/25 16:00	04/08/25 21:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:24	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 21:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:24*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/25 21:24	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			04/09/25 12:15	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		04/08/25 15:59	04/09/25 12:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/08/25 15:59	04/09/25 12:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-56607-27
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/08/25 15:59	04/09/25 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/08/25 15:59*	*04/09/25 12:15*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/08/25 15:59*	*04/09/25 12:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2720**		50.4		mg/Kg			04/08/25 22:55	5

Client Sample ID: CS-28 (4.5')

Lab Sample ID: 880-56607-28
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:44	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:00	04/08/25 21:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:00	04/08/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:44*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/25 21:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 12:32	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	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 12:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 12:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/08/25 15:59*	*04/09/25 12:32*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/08/25 15:59*	*04/09/25 12:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2870**		50.3		mg/Kg			04/08/25 23:02	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-29 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-29
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		04/08/25 16:00	04/08/25 22:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:05	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:00	04/08/25 22:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 22:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:00	04/08/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:05*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:05*	*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			04/08/25 22:05	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			04/09/25 12:49	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	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 12:49	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 12:49	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/08/25 15:59*	*04/09/25 12:49*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/08/25 15:59*	*04/09/25 12:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2960**		49.7		mg/Kg			04/08/25 23:10	5

Client Sample ID: CS-30 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-30
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		04/08/25 16:00	04/08/25 22:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 22:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 22:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 22:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 22:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:25*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/08/25 16:00*	*04/08/25 22:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-30 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-30
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 22:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/09/25 13:06	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	<50.5	U	50.5		mg/Kg		04/08/25 15:59	04/09/25 13:06	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/08/25 15:59	04/09/25 13:06	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/08/25 15:59	04/09/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/08/25 15:59*	*04/09/25 13:06*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/08/25 15:59*	*04/09/25 13:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.7**		9.98		mg/Kg			04/08/25 23:17	1

Client Sample ID: CS-31 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-31
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		04/08/25 16:00	04/08/25 18:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 18:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 18:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 18:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 18:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/08/25 16:00*	*04/08/25 18:59*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:00*	*04/08/25 18:59*	*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			04/08/25 18:59	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			04/09/25 13:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 13:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 13:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (3.5')

Lab Sample ID: 880-56607-31
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/08/25 15:59*	*04/09/25 13:22*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/08/25 15:59*	*04/09/25 13:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.0**	**F1**	10.0		mg/Kg			04/08/25 23:25	1

Client Sample ID: CS-32 (3.5')

Lab Sample ID: 880-56607-32
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 19:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:20*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/25 19:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 13:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 13:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 13:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/08/25 15:59*	*04/09/25 13:38*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/08/25 15:59*	*04/09/25 13:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.7**		9.98		mg/Kg			04/08/25 23:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-33 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-33
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		04/08/25 16:00	04/08/25 19:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 19:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 19:40	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/25 16:00	04/08/25 19:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:00	04/08/25 19:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/25 16:00	04/08/25 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:40*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/08/25 19:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 13:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 13:56	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 13:56	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/08/25 15:59*	*04/09/25 13:56*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/08/25 15:59*	*04/09/25 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.1**		9.96		mg/Kg			04/08/25 23:55	1

Client Sample ID: CS-34 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-34
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		04/08/25 16:00	04/08/25 20:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:01	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/08/25 16:00	04/08/25 20:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:00	04/08/25 20:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/25 16:00	04/08/25 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:01*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-34
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/08/25 20:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 14:12	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	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 14:12	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 14:12	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/08/25 15:59*	*04/09/25 14:12*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/08/25 15:59*	*04/09/25 14:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.6**		10.1		mg/Kg			04/09/25 00:17	1

Client Sample ID: CS-35 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-35
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		04/08/25 16:00	04/08/25 20:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 20:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:21*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 20:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 14:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/08/25 15:59	04/09/25 14:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/08/25 15:59	04/09/25 14:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-35 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-35

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/08/25 15:59	04/09/25 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/08/25 15:59*	*04/09/25 14:29*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/08/25 15:59*	*04/09/25 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.4**		10.0		mg/Kg			04/09/25 00:24	1

Client Sample ID: CS-36 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-36

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		04/08/25 16:00	04/08/25 20:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 20:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:00	04/08/25 20:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:00	04/08/25 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:42*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:00*	*04/08/25 20:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/08/25 20:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 14:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 14:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 14:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/08/25 15:59*	*04/09/25 14:46*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/08/25 15:59*	*04/09/25 14:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.2**		9.96		mg/Kg			04/09/25 00:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-37
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		04/08/25 16:00	04/08/25 21:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:02	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 21:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:00	04/08/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:02*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/08/25 21:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/09/25 15:03	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		04/08/25 15:59	04/09/25 15:03	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/08/25 15:59	04/09/25 15:03	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/08/25 15:59	04/09/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/08/25 15:59*	*04/09/25 15:03*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/08/25 15:59*	*04/09/25 15:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.4**		10.1		mg/Kg			04/09/25 00:39	1

Client Sample ID: CS-38 (3.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-38
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		04/08/25 16:00	04/08/25 21:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:23	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:00	04/08/25 21:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:00	04/08/25 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:23*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-38 (3.5')

Lab Sample ID: 880-56607-38
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/08/25 21:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 15:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/25 15:59	04/09/25 15:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/25 15:59	04/09/25 15:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/25 15:59	04/09/25 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/08/25 15:59*	*04/09/25 15:20*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/08/25 15:59*	*04/09/25 15:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.0**		10.1		mg/Kg			04/09/25 00:47	1

Client Sample ID: CS-39 (4.5')

Lab Sample ID: 880-56607-39
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:00	04/08/25 21:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 21:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:00	04/08/25 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:43*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:00*	*04/08/25 21:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/25 21:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 15:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 15:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 15:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-39 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-39
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/08/25 15:59	04/09/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/08/25 15:59*	*04/09/25 15:36*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/08/25 15:59*	*04/09/25 15:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2730**		49.9		mg/Kg			04/09/25 00:54	5

Client Sample ID: CS-40 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-40
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		04/08/25 16:00	04/08/25 19:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:55	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:00	04/08/25 19:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:00	04/08/25 19:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:00	04/08/25 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:55*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:00*	*04/08/25 19:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/08/25 19:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 15:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/08/25 15:59	04/09/25 15:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/08/25 15:59	04/09/25 15:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/08/25 15:59	04/09/25 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/08/25 15:59*	*04/09/25 15:53*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/08/25 15:59*	*04/09/25 15:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2410**		49.8		mg/Kg			04/09/25 01:02	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-41 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-41
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/08/25 16:17	04/09/25 11:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 11:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 11:53	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 11:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 11:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/08/25 16:17*	*04/09/25 11:53*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:17*	*04/09/25 11:53*	*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			04/09/25 11:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 16:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 16:10	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 16:10	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 15:59	04/09/25 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/08/25 15:59*	*04/09/25 16:10*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/08/25 15:59*	*04/09/25 16:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2190**		50.1		mg/Kg			04/09/25 09:47	5

Client Sample ID: CS-42 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-42
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/08/25 16:17	04/09/25 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 12:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:17	04/09/25 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 12:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:17	04/09/25 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 16:17*	*04/09/25 12:13*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 16:17*	*04/09/25 12:13*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-42 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-42
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/25 12:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 16:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 16:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 16:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/25 15:59	04/09/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/08/25 15:59*	*04/09/25 16:27*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/08/25 15:59*	*04/09/25 16:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2010**		49.9		mg/Kg			04/09/25 10:04	5

Client Sample ID: CS-43 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-43
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		04/08/25 16:17	04/09/25 12:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 12:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 12:34	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 12:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 12:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:17*	*04/09/25 12:34*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:17*	*04/09/25 12:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 12:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 16:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 16:43	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 16:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-43 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-43
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/08/25 15:59	04/09/25 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/08/25 15:59*	*04/09/25 16:43*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/08/25 15:59*	*04/09/25 16:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1480**		9.96		mg/Kg			04/09/25 10:10	1

Client Sample ID: CS-44 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-44
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		04/08/25 16:17	04/09/25 12:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 12:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 12:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 12:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 12:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/08/25 16:17*	*04/09/25 12:54*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:17*	*04/09/25 12:54*	*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			04/09/25 12:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 10:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		04/09/25 09:31	04/09/25 10:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 09:31	04/09/25 10:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 09:31	04/09/25 10:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/09/25 09:31*	*04/09/25 10:53*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/09/25 09:31*	*04/09/25 10:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1840**		50.3		mg/Kg			04/09/25 12:27	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-45 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-45
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/08/25 16:17	04/09/25 13:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 13:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 13:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:17	04/09/25 13:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 13:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:17	04/09/25 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:17*	*04/09/25 13:15*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:17*	*04/09/25 13:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/25 13:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 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	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 11:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 11:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/09/25 09:31*	*04/09/25 11:42*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/09/25 09:31*	*04/09/25 11:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1860**		49.8		mg/Kg			04/09/25 10:21	5

Client Sample ID: CS-46 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-46
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		04/08/25 16:17	04/09/25 13:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 13:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 13:35	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 13:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 13:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/08/25 16:17*	*04/09/25 13:35*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:17*	*04/09/25 13:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-46 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-46
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 13:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 11:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 11:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 11:58	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/09/25 09:31*	*04/09/25 11:58*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/09/25 09:31*	*04/09/25 11:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1940**		50.4		mg/Kg			04/09/25 10:38	5

Client Sample ID: CS-47 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-47
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		04/08/25 16:17	04/09/25 13:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 13:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 13:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 13:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 13:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:17*	*04/09/25 13:55*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:17*	*04/09/25 13:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 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	<49.7	U	49.7		mg/Kg			04/09/25 12:15	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	<49.7	U	49.7		mg/Kg		04/09/25 09:31	04/09/25 12:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/25 09:31	04/09/25 12:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-47 (4.5')

Lab Sample ID: 880-56607-47
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/25 09:31	04/09/25 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/09/25 09:31*	*04/09/25 12:15*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/09/25 09:31*	*04/09/25 12:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1260**		10.1		mg/Kg			04/09/25 10:44	1

Client Sample ID: CS-48 (4.5')

Lab Sample ID: 880-56607-48
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		04/08/25 16:17	04/09/25 14:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 14:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 14:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 14:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 14:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 16:17*	*04/09/25 14:16*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 16:17*	*04/09/25 14:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 14:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 12:32	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	<49.9	U	49.9		mg/Kg		04/09/25 09:31	04/09/25 12:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 09:31	04/09/25 12:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 09:31	04/09/25 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/09/25 09:31*	*04/09/25 12:32*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/09/25 09:31*	*04/09/25 12:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1420**		9.98		mg/Kg			04/09/25 10:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-49 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-49
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		04/08/25 16:17	04/09/25 14:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 14:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 14:36	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 14:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 14:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:17*	*04/09/25 14:36*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 16:17*	*04/09/25 14:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 14:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 12:49	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	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 12:49	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 12:49	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/09/25 09:31*	*04/09/25 12:49*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/09/25 09:31*	*04/09/25 12:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1750**		49.8		mg/Kg			04/09/25 12:33	5

Client Sample ID: CS-50 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-50
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		04/08/25 16:17	04/09/25 14:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 14:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 14:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 14:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 14:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:17*	*04/09/25 14:57*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:17*	*04/09/25 14:57*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-50 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-50
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 14:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 13:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 13:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 13:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/09/25 09:31*	*04/09/25 13:06*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/09/25 09:31*	*04/09/25 13:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1320**		10.1		mg/Kg			04/09/25 11:01	1

Client Sample ID: CS-51 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-51
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/08/25 16:17	04/09/25 16:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 16:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 16:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 16:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 16:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/08/25 16:17*	*04/09/25 16:20*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:17*	*04/09/25 16:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 16:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/09/25 13:22	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	<50.5	U	50.5		mg/Kg		04/09/25 09:31	04/09/25 13:22	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/09/25 09:31	04/09/25 13:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-51 (4.5')

Lab Sample ID: 880-56607-51
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/09/25 09:31	04/09/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/09/25 09:31*	*04/09/25 13:22*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/09/25 09:31*	*04/09/25 13:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1970**		50.3		mg/Kg			04/09/25 11:07	5

Client Sample ID: CS-52 (4.5')

Lab Sample ID: 880-56607-52
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/08/25 16:17	04/09/25 16:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 16:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 16:40	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 16:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 16:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:17*	*04/09/25 16:40*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:17*	*04/09/25 16:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 16:40	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			04/09/25 13:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 13:38	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 13:38	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/09/25 09:31*	*04/09/25 13:38*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/09/25 09:31*	*04/09/25 13:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**		9.96		mg/Kg			04/09/25 11:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-53 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-53
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/08/25 16:17	04/09/25 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 17:01	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 17:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/08/25 16:17*	*04/09/25 17:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:17*	*04/09/25 17:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 17:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/09/25 13:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/09/25 09:31	04/09/25 13:56	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/09/25 09:31	04/09/25 13:56	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/09/25 09:31	04/09/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/09/25 09:31*	*04/09/25 13:56*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/09/25 09:31*	*04/09/25 13:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2680**		49.7		mg/Kg			04/09/25 11:30	5

Client Sample ID: CS-54 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-54
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202		mg/Kg		04/08/25 16:17	04/09/25 17:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:17	04/09/25 17:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:17	04/09/25 17:21	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/08/25 16:17	04/09/25 17:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:17	04/09/25 17:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/25 16:17	04/09/25 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:17*	*04/09/25 17:21*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:17*	*04/09/25 17:21*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-54 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-54
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/09/25 17:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 14:12	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		04/09/25 09:31	04/09/25 14:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 14:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/09/25 09:31*	*04/09/25 14:12*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/25 09:31*	*04/09/25 14:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2610**		49.9		mg/Kg			04/09/25 11:47	5

Client Sample ID: CS-55 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-55
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		04/08/25 16:17	04/09/25 17:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 17:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 17:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 17:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 17:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:17*	*04/09/25 17:42*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:17*	*04/09/25 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			04/09/25 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	<49.7	U	49.7		mg/Kg			04/09/25 14:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/25 09:31	04/09/25 14:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/25 09:31	04/09/25 14:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-55 (4.5')

Lab Sample ID: 880-56607-55
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/25 09:31	04/09/25 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/09/25 09:31*	*04/09/25 14:29*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/09/25 09:31*	*04/09/25 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2460**		50.2		mg/Kg			04/09/25 11:53	5

Client Sample ID: CS-56 (4.5')

Lab Sample ID: 880-56607-56
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		04/08/25 16:17	04/09/25 18:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:17	04/09/25 18:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:17	04/09/25 18:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/25 16:17	04/09/25 18:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:17	04/09/25 18:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/25 16:17	04/09/25 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/25 16:17*	*04/09/25 18:02*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:17*	*04/09/25 18:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/09/25 18:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 14:46	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	49.6		mg/Kg		04/09/25 09:31	04/09/25 14:46	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 14:46	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:31	04/09/25 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/09/25 09:31*	*04/09/25 14:46*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/09/25 09:31*	*04/09/25 14:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2490**		49.9		mg/Kg			04/09/25 11:59	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-57 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-57

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/08/25 16:17	04/09/25 18:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 18:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 18:23	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 18:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 18:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:17*	*04/09/25 18:23*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:17*	*04/09/25 18:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 18:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 15:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 15:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 15:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/09/25 09:31*	*04/09/25 15:03*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/09/25 09:31*	*04/09/25 15:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2500**		50.3		mg/Kg			04/09/25 12:04	5

Client Sample ID: CS-58 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-58

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		04/08/25 16:17	04/09/25 18:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 18:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 18:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 18:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:17	04/09/25 18:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:17	04/09/25 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:17*	*04/09/25 18:43*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:17*	*04/09/25 18:43*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-58 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-58
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 18:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 15:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 15:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 15:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/09/25 09:31*	*04/09/25 15:20*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/09/25 09:31*	*04/09/25 15:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2480**		49.8		mg/Kg			04/09/25 12:10	5

Client Sample ID: CS-59 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-59
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		04/08/25 16:17	04/09/25 19:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 19:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 19:04	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 19:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:17	04/09/25 19:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:17	04/09/25 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:17*	*04/09/25 19:04*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 16:17*	*04/09/25 19:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 19:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/09/25 15:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/25 09:31	04/09/25 15:36	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/25 09:31	04/09/25 15:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-59 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-59

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/25 09:31	04/09/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/09/25 09:31*	*04/09/25 15:36*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/09/25 09:31*	*04/09/25 15:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2570**		49.5		mg/Kg			04/09/25 12:16	5

Client Sample ID: CS-60 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-60

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		04/08/25 16:17	04/09/25 19:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 19:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 19:24	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 19:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 19:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:17	04/09/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/08/25 16:17*	*04/09/25 19:24*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:17*	*04/09/25 19:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 19:24	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			04/09/25 15:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 09:31	04/09/25 15:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 09:31	04/09/25 15:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 09:31	04/09/25 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/09/25 09:31*	*04/09/25 15:53*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/09/25 09:31*	*04/09/25 15:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2440**		50.5		mg/Kg			04/09/25 12:22	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-61 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-61
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		04/08/25 16:19	04/09/25 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 11:52	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 11:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/08/25 16:19*	*04/09/25 11:52*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/08/25 16:19*	*04/09/25 11:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 11:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 16:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 16:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 16:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/09/25 09:31*	*04/09/25 16:10*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/09/25 09:31*	*04/09/25 16:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2380**		49.8		mg/Kg			04/09/25 09:07	5

Client Sample ID: CS-62 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-62
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		04/08/25 16:19	04/09/25 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 12:12	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:19	04/09/25 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 12:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:19	04/09/25 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/08/25 16:19*	*04/09/25 12:12*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/08/25 16:19*	*04/09/25 12:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-62 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-62
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/25 12:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 16:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 16:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 16:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 09:31	04/09/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/09/25 09:31*	*04/09/25 16:27*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/09/25 09:31*	*04/09/25 16:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2400**		50.1		mg/Kg			04/09/25 09:29	5

Client Sample ID: CS-63 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-63
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 12:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 12:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 12:32	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 12:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 12:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/08/25 16:19*	*04/09/25 12:32*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/08/25 16:19*	*04/09/25 12:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 12:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/09/25 16:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/25 09:31	04/09/25 16:43	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/25 09:31	04/09/25 16:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-63 (4.5')

Lab Sample ID: 880-56607-63
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/25 09:31	04/09/25 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/09/25 09:31*	*04/09/25 16:43*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/09/25 09:31*	*04/09/25 16:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2260**		49.8		mg/Kg			04/09/25 09:36	5

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-56607-64
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 12:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 12:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 12:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 12:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 12:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*04/08/25 16:19*	*04/09/25 12:53*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/08/25 16:19*	*04/09/25 12:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 12:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 19:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/25 09:38	04/09/25 19:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/25 09:38	04/09/25 19:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 09:38	04/09/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/09/25 09:38*	*04/09/25 19:16*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/09/25 09:38*	*04/09/25 19:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2180**		49.5		mg/Kg			04/09/25 09:43	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-65 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-65
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		04/08/25 16:19	04/09/25 13:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 13:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 13:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:19	04/09/25 13:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 13:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:19	04/09/25 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/08/25 16:19*	*04/09/25 13:13*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/08/25 16:19*	*04/09/25 13:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/25 13:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 20:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 20:04	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 20:04	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/09/25 09:38*	*04/09/25 20:04*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/09/25 09:38*	*04/09/25 20:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2470**		50.5		mg/Kg			04/09/25 09:50	5

Client Sample ID: CS-66 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-66
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 13:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 13:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 13:34	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 13:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 13:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/08/25 16:19*	*04/09/25 13:34*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/08/25 16:19*	*04/09/25 13:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-66 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-66
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 13:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 20:22	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		04/09/25 09:38	04/09/25 20:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 09:38	04/09/25 20:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 09:38	04/09/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/09/25 09:38*	*04/09/25 20:22*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/09/25 09:38*	*04/09/25 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**		9.94		mg/Kg			04/09/25 10:12	1

Client Sample ID: CS-67 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-67
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		04/08/25 16:19	04/09/25 13:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 13:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 13:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 13:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 13:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*04/08/25 16:19*	*04/09/25 13:54*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/08/25 16:19*	*04/09/25 13:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 13:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 20:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 20:38	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 20:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-67 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-67
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/09/25 09:38*	*04/09/25 20:38*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/09/25 09:38*	*04/09/25 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2010**		49.5		mg/Kg			04/09/25 10:19	5

Client Sample ID: CS-68 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-68
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 14:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 14:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 14:15	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 14:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 14:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*04/08/25 16:19*	*04/09/25 14:15*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/08/25 16:19*	*04/09/25 14:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 14:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 20:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 20:54	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 20:54	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*04/09/25 09:38*	*04/09/25 20:54*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/09/25 09:38*	*04/09/25 20:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1350**		9.90		mg/Kg			04/09/25 10:26	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-69 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-69
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 14:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 14:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 14:35	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 14:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 14:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*04/08/25 16:19*	*04/09/25 14:35*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/08/25 16:19*	*04/09/25 14:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 21:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 21:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 21:10	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/09/25 09:38*	*04/09/25 21:10*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/09/25 09:38*	*04/09/25 21:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**		10.0		mg/Kg			04/09/25 10:34	1

Client Sample ID: CS-70 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-70
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		04/08/25 16:19	04/09/25 14:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 14:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 14:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 14:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 14:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*04/08/25 16:19*	*04/09/25 14:55*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/08/25 16:19*	*04/09/25 14:55*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-70 (4.5')

Lab Sample ID: 880-56607-70
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 14:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 21:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 21:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 21:27	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/09/25 09:38*	*04/09/25 21:27*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/09/25 09:38*	*04/09/25 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1470**		9.98		mg/Kg			04/09/25 10:41	1

Client Sample ID: CS-71 (4.5')

Lab Sample ID: 880-56607-71
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 16:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 16:30	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 16:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*04/08/25 16:19*	*04/09/25 16:30*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/08/25 16:19*	*04/09/25 16:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 16:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 21:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/09/25 09:38	04/09/25 21:43	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/09/25 09:38	04/09/25 21:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-71 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-71

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/25 09:38	04/09/25 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/09/25 09:38*	*04/09/25 21:43*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/09/25 09:38*	*04/09/25 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1450**		10.1		mg/Kg			04/09/25 10:48	1

Client Sample ID: CS-72 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-72

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		04/08/25 16:19	04/09/25 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 16:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 16:50	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 16:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*04/08/25 16:19*	*04/09/25 16:50*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/08/25 16:19*	*04/09/25 16:50*	*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			04/09/25 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			04/09/25 22:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/09/25 22:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/09/25 22:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/09/25 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/09/25 09:38*	*04/09/25 22:00*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/09/25 09:38*	*04/09/25 22:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1480**		9.98		mg/Kg			04/09/25 11:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-73 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-73
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		04/08/25 16:19	04/09/25 17:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 17:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 17:11	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 17:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 17:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/08/25 16:19*	*04/09/25 17:11*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/08/25 16:19*	*04/09/25 17:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 17:11	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			04/09/25 22:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 22:16	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 22:16	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/09/25 09:38*	*04/09/25 22:16*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/09/25 09:38*	*04/09/25 22:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1380**		10.1		mg/Kg			04/09/25 11:17	1

Client Sample ID: CS-74 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-74
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		04/08/25 16:19	04/09/25 17:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:19	04/09/25 17:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:19	04/09/25 17:31	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/08/25 16:19	04/09/25 17:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:19	04/09/25 17:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/25 16:19	04/09/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/08/25 16:19*	*04/09/25 17:31*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/08/25 16:19*	*04/09/25 17:31*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-74 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-74
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/09/25 17:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/09/25 22:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/25 09:38	04/09/25 22:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/25 09:38	04/09/25 22:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/25 09:38	04/09/25 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*04/09/25 09:38*	*04/09/25 22:48*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/09/25 09:38*	*04/09/25 22:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1460**		9.96		mg/Kg			04/09/25 11:38	1

Client Sample ID: CS-75 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-75
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		04/08/25 16:19	04/09/25 17:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 17:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 17:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 17:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 17:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/08/25 16:19*	*04/09/25 17:51*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/08/25 16:19*	*04/09/25 17:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 17:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 23:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 23:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 23:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-75 (4.5')

Lab Sample ID: 880-56607-75
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/25 09:38	04/09/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/09/25 09:38*	*04/09/25 23:04*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/09/25 09:38*	*04/09/25 23:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1430**		10.0		mg/Kg			04/09/25 11:45	1

Client Sample ID: CS-76 (4.5')

Lab Sample ID: 880-56607-76
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:19	04/09/25 18:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:19	04/09/25 18:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:19	04/09/25 18:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/25 16:19	04/09/25 18:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:19	04/09/25 18:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/25 16:19	04/09/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/08/25 16:19*	*04/09/25 18:12*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/08/25 16:19*	*04/09/25 18:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/09/25 18:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 23:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/09/25 23:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/09/25 23:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/09/25 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/09/25 09:38*	*04/09/25 23:21*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/09/25 09:38*	*04/09/25 23:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1470**		9.98		mg/Kg			04/09/25 11:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-77 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-77
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		04/08/25 16:19	04/09/25 18:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 18:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 18:32	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 18:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 18:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/08/25 16:19*	*04/09/25 18:32*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/08/25 16:19*	*04/09/25 18:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 18:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 23:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 23:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 23:36	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/09/25 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/09/25 09:38*	*04/09/25 23:36*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/09/25 09:38*	*04/09/25 23:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1450**		10.1		mg/Kg			04/09/25 12:00	1

Client Sample ID: CS-78 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-78
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		04/08/25 16:19	04/09/25 18:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 18:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:19	04/09/25 18:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:19	04/09/25 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/08/25 16:19*	*04/09/25 18:53*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/08/25 16:19*	*04/09/25 18:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-78 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-78
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 18:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/09/25 23:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/09/25 09:38	04/09/25 23:53	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/09/25 09:38	04/09/25 23:53	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/09/25 09:38	04/09/25 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*04/09/25 09:38*	*04/09/25 23:53*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/09/25 09:38*	*04/09/25 23:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1470**		9.98		mg/Kg			04/09/25 12:07	1

Client Sample ID: CS-79 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-79
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 19:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 19:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 19:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 19:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:19	04/09/25 19:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:19	04/09/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/08/25 16:19*	*04/09/25 19:13*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/08/25 16:19*	*04/09/25 19:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 19:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/25 00:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 09:38	04/10/25 00:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 09:38	04/10/25 00:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-79 (4.5')

Lab Sample ID: 880-56607-79
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 09:38	04/10/25 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/09/25 09:38*	*04/10/25 00:09*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/09/25 09:38*	*04/10/25 00:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1380**		10.0		mg/Kg			04/09/25 12:14	1

Client Sample ID: CS-80 (4.5')

Lab Sample ID: 880-56607-80
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 19:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 19:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 19:33	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 19:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 19:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:19	04/09/25 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*04/08/25 16:19*	*04/09/25 19:33*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*04/08/25 16:19*	*04/09/25 19:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 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	<49.8	U	49.8		mg/Kg			04/10/25 00:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/25 09:38	04/10/25 00:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/25 09:38	04/10/25 00:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 09:38	04/10/25 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/09/25 09:38*	*04/10/25 00:25*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/09/25 09:38*	*04/10/25 00:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**358**		10.0		mg/Kg			04/09/25 12:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-81 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-81
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		04/08/25 16:22	04/09/25 11:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 11:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 11:57	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 11:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 11:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/08/25 16:22*	*04/09/25 11:57*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/08/25 16:22*	*04/09/25 11:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 11:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/25 00:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/10/25 00:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/10/25 00:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:38	04/10/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/09/25 09:38*	*04/10/25 00:42*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/09/25 09:38*	*04/10/25 00:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1190**		10.1		mg/Kg			04/09/25 08:56	1

Client Sample ID: CS-82 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-82
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		04/08/25 16:22	04/09/25 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 12:17	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:22	04/09/25 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 12:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:22	04/09/25 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*04/08/25 16:22*	*04/09/25 12:17*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:22*	*04/09/25 12:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-82 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-82
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/25 12:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/25 00:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/10/25 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/10/25 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:38	04/10/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/09/25 09:38*	*04/10/25 00:58*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/09/25 09:38*	*04/10/25 00:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1920**		49.8		mg/Kg			04/09/25 09:19	5

Client Sample ID: CS-83 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-83
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 12:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 12:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 12:38	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 12:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 12:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/08/25 16:22*	*04/09/25 12:38*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:22*	*04/09/25 12:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 12:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/10/25 01:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/09/25 09:38	04/10/25 01:14	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/09/25 09:38	04/10/25 01:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-83 (4.5')

Lab Sample ID: 880-56607-83
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/09/25 09:38	04/10/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/09/25 09:38*	*04/10/25 01:14*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/09/25 09:38*	*04/10/25 01:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1850**		49.9		mg/Kg			04/09/25 12:25	5

Client Sample ID: CS-84 (4.5')

Lab Sample ID: 880-56607-84
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 12:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 12:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 12:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 12:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 12:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:22*	*04/09/25 12:58*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:22*	*04/09/25 12:58*	*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			04/09/25 12:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 19:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 09:43	04/09/25 19:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/09/25 09:43	04/09/25 19:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 09:43	04/09/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/09/25 09:43*	*04/09/25 19:16*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/25 09:43*	*04/09/25 19:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1800**		50.1		mg/Kg			04/09/25 12:33	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-85 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-85
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		04/08/25 16:22	04/09/25 13:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 13:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 13:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:22	04/09/25 13:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 13:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:22	04/09/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:22*	*04/09/25 13:19*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:22*	*04/09/25 13:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/25 13:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 20:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/09/25 09:43	04/09/25 20:04	1
Diesel Range Organics (Over C10-C28)	<50.3	U *+	50.3		mg/Kg		04/09/25 09:43	04/09/25 20:04	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/25 09:43	04/09/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*04/09/25 09:43*	*04/09/25 20:04*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/09/25 09:43*	*04/09/25 20:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2030**		49.7		mg/Kg			04/09/25 09:41	5

Client Sample ID: CS-86 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-86
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00211**		0.00198		mg/Kg		04/08/25 16:22	04/09/25 13:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 13:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 13:39	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 13:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 13:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/08/25 16:22*	*04/09/25 13:39*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:22*	*04/09/25 13:39*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-86 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-86
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 13:39	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			04/09/25 20:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/25 09:43	04/09/25 20:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/09/25 09:43	04/09/25 20:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/25 09:43	04/09/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*04/09/25 09:43*	*04/09/25 20:22*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*04/09/25 09:43*	*04/09/25 20:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2040**		49.5		mg/Kg			04/09/25 10:04	5

Client Sample ID: CS-87 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-87
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		04/08/25 16:22	04/09/25 14:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 14:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 14:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 14:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 14:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/08/25 16:22*	*04/09/25 14:00*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/08/25 16:22*	*04/09/25 14:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 14:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/09/25 20:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/25 09:43	04/09/25 20:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/09/25 09:43	04/09/25 20:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-87 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-87

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/25 09:43	04/09/25 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/09/25 09:43*	*04/09/25 20:38*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*04/09/25 09:43*	*04/09/25 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2490**		49.8		mg/Kg			04/09/25 10:11	5

Client Sample ID: CS-88 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-88

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 14:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 14:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 14:20	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 14:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 14:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:22*	*04/09/25 14:20*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/08/25 16:22*	*04/09/25 14:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 14:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 20:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 09:43	04/09/25 20:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/09/25 09:43	04/09/25 20:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 09:43	04/09/25 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/09/25 09:43*	*04/09/25 20:54*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/25 09:43*	*04/09/25 20:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2460**		49.7		mg/Kg			04/09/25 10:19	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-89 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-89
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 14:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 14:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 14:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 14:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 14:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/08/25 16:22*	*04/09/25 14:41*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/08/25 16:22*	*04/09/25 14:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 14:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 21:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:43	04/09/25 21:10	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/09/25 09:43	04/09/25 21:10	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:43	04/09/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*04/09/25 09:43*	*04/09/25 21:10*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*04/09/25 09:43*	*04/09/25 21:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2640**		49.7		mg/Kg			04/09/25 10:26	5

Client Sample ID: CS-90 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-90
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		04/08/25 16:22	04/09/25 15:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 15:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 15:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 15:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 15:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/08/25 16:22*	*04/09/25 15:01*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/08/25 16:22*	*04/09/25 15:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-90 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-90

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 15:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 21:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/09/25 09:43	04/09/25 21:27	1
Diesel Range Organics (Over C10-C28)	<50.3	U *+	50.3		mg/Kg		04/09/25 09:43	04/09/25 21:27	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/25 09:43	04/09/25 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/09/25 09:43*	*04/09/25 21:27*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/09/25 09:43*	*04/09/25 21:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2480**		49.5		mg/Kg			04/09/25 10:33	5

Client Sample ID: CS-91 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-91

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00333**		0.00200		mg/Kg		04/08/25 16:22	04/09/25 16:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 16:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 16:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 16:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 16:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/08/25 16:22*	*04/09/25 16:35*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*04/08/25 16:22*	*04/09/25 16:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 16:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 21:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:43	04/09/25 21:43	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/09/25 09:43	04/09/25 21:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-91 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-91

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:43	04/09/25 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/09/25 09:43*	*04/09/25 21:43*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*04/09/25 09:43*	*04/09/25 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2010**	**F1**	50.0		mg/Kg			04/09/25 10:41	5

Client Sample ID: CS-92 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-92

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		04/08/25 16:22	04/09/25 16:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 16:56	1
Ethylbenzene	**0.00200**		0.00200		mg/Kg		04/08/25 16:22	04/09/25 16:56	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 16:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 16:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:22*	*04/09/25 16:56*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:22*	*04/09/25 16:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 16:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 22:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/09/25 22:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/09/25 09:43	04/09/25 22:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/09/25 22:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/09/25 09:43*	*04/09/25 22:00*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/09/25 09:43*	*04/09/25 22:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2320**		49.6		mg/Kg			04/09/25 11:03	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-93 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-93
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		04/08/25 16:22	04/09/25 17:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 17:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 17:16	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 17:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 17:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:22*	*04/09/25 17:16*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:22*	*04/09/25 17:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 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	<50.4	U	50.4		mg/Kg			04/09/25 22:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/09/25 09:43	04/09/25 22:16	1
Diesel Range Organics (Over C10-C28)	<50.4	U *+	50.4		mg/Kg		04/09/25 09:43	04/09/25 22:16	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/09/25 09:43	04/09/25 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/09/25 09:43*	*04/09/25 22:16*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/09/25 09:43*	*04/09/25 22:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2360**		49.7		mg/Kg			04/09/25 11:11	5

Client Sample ID: CS-94 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-94
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		04/08/25 16:22	04/09/25 17:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:22	04/09/25 17:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:22	04/09/25 17:37	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/08/25 16:22	04/09/25 17:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:22	04/09/25 17:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/25 16:22	04/09/25 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/25 16:22*	*04/09/25 17:37*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:22*	*04/09/25 17:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-94 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-94
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/09/25 17:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 22:48	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	<49.6	U	49.6		mg/Kg		04/09/25 09:43	04/09/25 22:48	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/09/25 09:43	04/09/25 22:48	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:43	04/09/25 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/09/25 09:43*	*04/09/25 22:48*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/09/25 09:43*	*04/09/25 22:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2810**		50.5		mg/Kg			04/09/25 11:33	5

Client Sample ID: CS-95 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-95
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		04/08/25 16:22	04/09/25 17:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 17:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 17:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 17:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 17:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/08/25 16:22*	*04/09/25 17:58*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:22*	*04/09/25 17:58*	*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			04/09/25 17:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 23:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/25 09:43	04/09/25 23:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/09/25 09:43	04/09/25 23:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-95 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-95

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 09:43	04/09/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*04/09/25 09:43*	*04/09/25 23:04*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/09/25 09:43*	*04/09/25 23:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2580**		50.1		mg/Kg			04/09/25 11:41	5

Client Sample ID: CS-96 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-96

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		04/08/25 16:22	04/09/25 18:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:22	04/09/25 18:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:22	04/09/25 18:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/25 16:22	04/09/25 18:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:22	04/09/25 18:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/25 16:22	04/09/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:22*	*04/09/25 18:18*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:22*	*04/09/25 18:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/09/25 18:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 23:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/09/25 23:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/09/25 09:43	04/09/25 23:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/09/25 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*04/09/25 09:43*	*04/09/25 23:21*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/25 09:43*	*04/09/25 23:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2720**		49.7		mg/Kg			04/09/25 11:48	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-97 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-97
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		04/08/25 16:22	04/09/25 18:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 18:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 18:39	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 18:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 18:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:22*	*04/09/25 18:39*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/08/25 16:22*	*04/09/25 18:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 18:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/09/25 23:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/09/25 09:43	04/09/25 23:36	1
Diesel Range Organics (Over C10-C28)	<50.5	U *+	50.5		mg/Kg		04/09/25 09:43	04/09/25 23:36	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/09/25 09:43	04/09/25 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/09/25 09:43*	*04/09/25 23:36*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/09/25 09:43*	*04/09/25 23:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2510**		49.5		mg/Kg			04/09/25 11:56	5

Client Sample ID: CS-98 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-98
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		04/08/25 16:22	04/09/25 18:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 18:59	1
Ethylbenzene	**0.00257**		0.00199		mg/Kg		04/08/25 16:22	04/09/25 18:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 18:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:22	04/09/25 18:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:22	04/09/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/08/25 16:22*	*04/09/25 18:59*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:22*	*04/09/25 18:59*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-98 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-98
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 18:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 23:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 09:43	04/09/25 23:53	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/09/25 09:43	04/09/25 23:53	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 09:43	04/09/25 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*04/09/25 09:43*	*04/09/25 23:53*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/09/25 09:43*	*04/09/25 23:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2770**		50.4		mg/Kg			04/09/25 12:03	5

Client Sample ID: CS-99 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-99
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 19:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 19:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 19:20	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 19:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:22	04/09/25 19:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:22	04/09/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/08/25 16:22*	*04/09/25 19:20*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/08/25 16:22*	*04/09/25 19:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 19:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/25 00:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 09:43	04/10/25 00:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/09/25 09:43	04/10/25 00:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-99 (4.5')

Lab Sample ID: 880-56607-99
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 09:43	04/10/25 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/09/25 09:43*	*04/10/25 00:09*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/09/25 09:43*	*04/10/25 00:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2810**		49.8		mg/Kg			04/09/25 12:11	5

Client Sample ID: CS-101 (4.5')

Lab Sample ID: 880-56607-100
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 19:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 19:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 19:40	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 19:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 19:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:22	04/09/25 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/08/25 16:22*	*04/09/25 19:40*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:22*	*04/09/25 19:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 19:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/25 00:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/25 09:43	04/10/25 00:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/09/25 09:43	04/10/25 00:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 09:43	04/10/25 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/09/25 09:43*	*04/10/25 00:25*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/09/25 09:43*	*04/10/25 00:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2440**		49.5		mg/Kg			04/09/25 12:18	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-102 (4.5')

Lab Sample ID: 880-56607-101
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 11:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 11:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 11:57	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 11:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 11:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:25*	*04/09/25 11:57*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 11:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 11:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/25 00:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/09/25 09:43	04/10/25 00:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U *+	50.1		mg/Kg		04/09/25 09:43	04/10/25 00:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/25 09:43	04/10/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*04/09/25 09:43*	*04/10/25 00:42*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*04/09/25 09:43*	*04/10/25 00:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2560**		50.1		mg/Kg			04/08/25 19:46	5

Client Sample ID: CS-103 (4.5')

Lab Sample ID: 880-56607-102
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 12:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 12:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 12:17	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:25	04/09/25 12:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 12:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:25	04/09/25 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/08/25 16:25*	*04/09/25 12:17*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:25*	*04/09/25 12:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-103 (4.5')

Lab Sample ID: 880-56607-102
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/25 12:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/25 00:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/10/25 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/09/25 09:43	04/10/25 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/10/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/09/25 09:43*	*04/10/25 00:58*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/09/25 09:43*	*04/10/25 00:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2370**		49.9		mg/Kg			04/08/25 20:03	5

Client Sample ID: CS-104 (4.5')

Lab Sample ID: 880-56607-103
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 12:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 12:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 12:38	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 12:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 12:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 12:38*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 12:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 12:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/10/25 01:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/09/25 09:43	04/10/25 01:14	1
Diesel Range Organics (Over C10-C28)	<50.5	U *+	50.5		mg/Kg		04/09/25 09:43	04/10/25 01:14	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-104 (4.5')

Lab Sample ID: 880-56607-103
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/09/25 09:43	04/10/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/09/25 09:43*	*04/10/25 01:14*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/09/25 09:43*	*04/10/25 01:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2390**		50.0		mg/Kg			04/08/25 20:09	5

Client Sample ID: CS-105 (4.5')

Lab Sample ID: 880-56607-104
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 12:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 12:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 12:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 12:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 12:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/08/25 16:25*	*04/09/25 12:58*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:25*	*04/09/25 12:58*	*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			04/09/25 12:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 17:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 17:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 17:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/09/25 11:31*	*04/09/25 17:30*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/09/25 11:31*	*04/09/25 17:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2420**		49.5		mg/Kg			04/08/25 20:15	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-106 (4.5')

Lab Sample ID: 880-56607-105
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 13:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 13:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 13:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/08/25 16:25	04/09/25 13:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 13:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/08/25 16:25	04/09/25 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/25 16:25*	*04/09/25 13:19*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 13:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/09/25 13:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 18:15	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	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 18:15	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 18:15	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/09/25 11:31*	*04/09/25 18:15*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/25 11:31*	*04/09/25 18:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2260**		50.2		mg/Kg			04/08/25 20:20	5

Client Sample ID: CS-107 (4.5')

Lab Sample ID: 880-56607-106
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 13:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 13:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 13:39	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 13:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 13:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/25 16:25*	*04/09/25 13:39*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/08/25 16:25*	*04/09/25 13:39*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-107 (4.5')

Lab Sample ID: 880-56607-106
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 13:39	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			04/09/25 18:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/09/25 11:31	04/09/25 18:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/09/25 11:31	04/09/25 18:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/09/25 11:31	04/09/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/09/25 11:31*	*04/09/25 18:29*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/09/25 11:31*	*04/09/25 18:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2260**		49.9		mg/Kg			04/08/25 20:38	5

Client Sample ID: CS-108 (4.5')

Lab Sample ID: 880-56607-107
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 14:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 14:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 14:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 14:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 14:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:25*	*04/09/25 14:00*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:25*	*04/09/25 14:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 14:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/09/25 18:44	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	<50.1	U	50.1		mg/Kg		04/09/25 11:31	04/09/25 18:44	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/09/25 11:31	04/09/25 18:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-108 (4.5')

Lab Sample ID: 880-56607-107
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/09/25 11:31	04/09/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/09/25 11:31*	*04/09/25 18:44*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/09/25 11:31*	*04/09/25 18:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2240**		49.8		mg/Kg			04/08/25 20:43	5

Client Sample ID: CS-109 (4.5')

Lab Sample ID: 880-56607-108
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 14:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 14:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 14:20	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 14:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 14:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 14:20*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:25*	*04/09/25 14:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 14:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 19:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 19:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 19:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:00*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2350**		50.4		mg/Kg			04/08/25 20:49	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-110 (4.5')

Lab Sample ID: 880-56607-109
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 14:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 14:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 14:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 14:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 14:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/08/25 16:25*	*04/09/25 14:41*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 14:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 14:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 19:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 19:15	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 19:15	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:15*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2320**		49.9		mg/Kg			04/08/25 20:55	5

Client Sample ID: CS-111 (4.5')

Lab Sample ID: 880-56607-110
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 15:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 15:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 15:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 15:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 15:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/08/25 16:25*	*04/09/25 15:01*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 15:01*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-111 (4.5')

Lab Sample ID: 880-56607-110
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 15:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 19:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 19:29	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 19:29	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:29*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2390**		50.5		mg/Kg			04/08/25 21:01	5

Client Sample ID: CS-112 (4.5')

Lab Sample ID: 880-56607-111
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 16:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 16:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 16:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 16:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 16:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/25 16:25*	*04/09/25 16:35*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 16:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 16:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 19:44	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	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 19:44	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 19:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-112 (4.5')

Lab Sample ID: 880-56607-111
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:44*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2520**		50.1		mg/Kg			04/08/25 21:06	5

Client Sample ID: CS-113 (4.5')

Lab Sample ID: 880-56607-112
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 16:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 16:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 16:56	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 16:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 16:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/25 16:25*	*04/09/25 16:56*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 16:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 16:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 19:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 19:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 19:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:59*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/09/25 11:31*	*04/09/25 19:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2400**		49.9		mg/Kg			04/08/25 21:24	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-114 (4.5')

Lab Sample ID: 880-56607-113

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 17:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 17:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 17:16	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 17:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 17:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:25*	*04/09/25 17:16*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 17:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 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	<50.4	U	50.4		mg/Kg			04/09/25 20:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/09/25 11:31	04/09/25 20:14	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/09/25 11:31	04/09/25 20:14	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/09/25 11:31	04/09/25 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/09/25 11:31*	*04/09/25 20:14*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/09/25 11:31*	*04/09/25 20:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2460**		50.5		mg/Kg			04/08/25 21:29	5

Client Sample ID: CS-115 (4.5')

Lab Sample ID: 880-56607-114

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:25	04/09/25 17:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:25	04/09/25 17:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:25	04/09/25 17:37	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/08/25 16:25	04/09/25 17:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/25 16:25	04/09/25 17:37	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/08/25 16:25	04/09/25 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:25*	*04/09/25 17:37*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 17:37*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-115 (4.5')

Lab Sample ID: 880-56607-114
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/09/25 17:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 20:44	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	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 20:44	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 20:44	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/09/25 11:31*	*04/09/25 20:44*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*04/09/25 11:31*	*04/09/25 20:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2320**		49.7		mg/Kg			04/08/25 21:47	5

Client Sample ID: CS-116 (4.5')

Lab Sample ID: 880-56607-115
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 17:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 17:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 17:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 17:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 17:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/08/25 16:25*	*04/09/25 17:57*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 17:57*	*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			04/09/25 17:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/09/25 20:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 20:58	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 20:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-116 (4.5')

Lab Sample ID: 880-56607-115
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/09/25 11:31	04/09/25 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*04/09/25 11:31*	*04/09/25 20:58*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/09/25 11:31*	*04/09/25 20:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2480**		49.8		mg/Kg			04/08/25 21:52	5

Client Sample ID: CS-117 (4.5')

Lab Sample ID: 880-56607-116
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:25	04/09/25 18:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:25	04/09/25 18:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:25	04/09/25 18:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/08/25 16:25	04/09/25 18:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/25 16:25	04/09/25 18:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/25 16:25	04/09/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/08/25 16:25*	*04/09/25 18:18*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/08/25 16:25*	*04/09/25 18:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/09/25 18:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/09/25 21:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 11:31	04/09/25 21:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 11:31	04/09/25 21:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 11:31	04/09/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*04/09/25 11:31*	*04/09/25 21:13*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/25 11:31*	*04/09/25 21:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2050**		49.5		mg/Kg			04/08/25 21:58	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-118 (4.5')

Lab Sample ID: 880-56607-117
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 18:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 18:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 18:38	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 18:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 18:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/08/25 16:25*	*04/09/25 18:38*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 18:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 18:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/09/25 21:28	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		04/09/25 11:31	04/09/25 21:28	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/09/25 11:31	04/09/25 21:28	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/09/25 11:31	04/09/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/09/25 11:31*	*04/09/25 21:28*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/09/25 11:31*	*04/09/25 21:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.6**		9.90		mg/Kg			04/08/25 22:04	1

Client Sample ID: CS-119 (4.5')

Lab Sample ID: 880-56607-118
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 18:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 18:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 18:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 18:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/25 16:25	04/09/25 18:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/25 16:25	04/09/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/08/25 16:25*	*04/09/25 18:59*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 18:59*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-119 (4.5')

Lab Sample ID: 880-56607-118
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/09/25 18:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/09/25 21:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 21:43	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 21:43	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/09/25 11:31	04/09/25 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/09/25 11:31*	*04/09/25 21:43*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/09/25 11:31*	*04/09/25 21:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.5**		9.90		mg/Kg			04/08/25 22:10	1

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-56607-119
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 19:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 19:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 19:19	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 19:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/08/25 16:25	04/09/25 19:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/08/25 16:25	04/09/25 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:25*	*04/09/25 19:19*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/08/25 16:25*	*04/09/25 19:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/09/25 19:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/09/25 21:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 21:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 21:58	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-56607-119
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/09/25 11:31	04/09/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/09/25 11:31*	*04/09/25 21:58*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/09/25 11:31*	*04/09/25 21:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.5**		10.1		mg/Kg			04/08/25 22:15	1

Client Sample ID: SW-1 (2.5')

Lab Sample ID: 880-56607-120
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/08/25 15:12

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 19:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 19:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 19:40	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 19:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 19:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/25 16:25	04/09/25 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/08/25 16:25*	*04/09/25 19:40*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:25*	*04/09/25 19:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/09/25 19:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/09/25 22:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/09/25 11:31	04/09/25 22:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/09/25 11:31	04/09/25 22:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/09/25 11:31	04/09/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/09/25 11:31*	*04/09/25 22:13*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/09/25 11:31*	*04/09/25 22:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.4**		10.1		mg/Kg			04/08/25 22:21	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-56607-1	CS-1 (2.5')	123	86										
880-56607-2	CS-2 (2.5')	124	88										
880-56607-3	CS-3 (2.5')	134 S1+	85										
880-56607-4	CS-4 (2.5')	123	87										
880-56607-5	CS-5 (4.5')	126	89										
880-56607-6	CS-6 (4.5')	123	86										
880-56607-7	CS-7 (4.5')	125	85										
880-56607-8	CS-8 (4.5')	124	88										
880-56607-9	CS-9 (4.5')	124	81										
880-56607-10	CS-10 (4.5')	127	86										
880-56607-11	CS-11 (4.5')	111	80										
880-56607-12	CS-12 (4.5')	95	107										
880-56607-13	CS-13 (4.5')	96	108										
880-56607-14	CS-14 (4.5')	105	95										
880-56607-15	CS-15 (4.5')	107	95										
880-56607-16	CS-16 (4.5')	96	87										
880-56607-17	CS-17 (4.5')	100	80										
880-56607-18	CS-18 (4.5')	111	95										
880-56607-19	CS-19 (4.5')	109	89										
880-56607-20	CS-20 (4.5')	104	92										
880-56607-21	CS-21 (4.5')	95	92										
880-56607-22	CS-22 (4.5')	111	87										
880-56607-23	CS-23 (4.5')	96	92										
880-56607-24	CS-24 (4.5')	98	95										
880-56607-25	CS-25 (4.5')	111	82										
880-56607-26	CS-26 (4.5')	101	94										
880-56607-27	CS-27 (4.5')	101	84										
880-56607-28	CS-28 (4.5')	101	91										
880-56607-29	CS-29 (4.5')	100	94										
880-56607-30	CS-30 (3.5')	98	91										
880-56607-31	CS-31 (3.5')	105	97										
880-56607-32	CS-32 (3.5')	98	100										
880-56607-33	CS-33 (3.5')	99	97										
880-56607-34	CS-34 (3.5')	108	98										
880-56607-35	CS-35 (3.5')	98	99										
880-56607-36	CS-36 (3.5')	107	98										
880-56607-37	CS-37 (3.5')	95	96										
880-56607-38	CS-38 (3.5')	103	97										
880-56607-39	CS-39 (4.5')	105	98										
880-56607-40	CS-40 (4.5')	108	103										
880-56607-41	CS-41 (4.5')	105	97										
880-56607-41 MS	CS-41 (4.5')	99	99										
880-56607-41 MSD	CS-41 (4.5')	100	98										
880-56607-42	CS-42 (4.5')	99	99										
880-56607-43	CS-43 (4.5')	100	100										
880-56607-44	CS-44 (4.5')	105	97										
880-56607-45	CS-45 (4.5')	101	103										
880-56607-46	CS-46 (4.5')	107	97										
880-56607-47	CS-47 (4.5')	100	97										

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56607-1
Project/Site: NGL-Tie In
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-56607-48	CS-48 (4.5')	99	99								
880-56607-49	CS-49 (4.5')	101	99								
880-56607-50	CS-50 (4.5')	102	101								
880-56607-51	CS-51 (4.5')	106	98								
880-56607-52	CS-52 (4.5')	100	98								
880-56607-53	CS-53 (4.5')	108	97								
880-56607-54	CS-54 (4.5')	98	98								
880-56607-55	CS-55 (4.5')	101	100								
880-56607-56	CS-56 (4.5')	104	102								
880-56607-57	CS-57 (4.5')	102	100								
880-56607-58	CS-58 (4.5')	101	100								
880-56607-59	CS-59 (4.5')	103	99								
880-56607-60	CS-60 (4.5')	105	100								
880-56607-61	CS-61 (4.5')	127	85								
880-56607-61 MS	CS-61 (4.5')	128	90								
880-56607-61 MSD	CS-61 (4.5')	135 S1+	86								
880-56607-62	CS-62 (4.5')	133 S1+	76								
880-56607-63	CS-63 (4.5')	130	87								
880-56607-64	CS-64 (4.5')	134 S1+	84								
880-56607-65	CS-65 (4.5')	129	86								
880-56607-66	CS-66 (4.5')	129	87								
880-56607-67	CS-67 (4.5')	134 S1+	83								
880-56607-68	CS-68 (4.5')	132 S1+	86								
880-56607-69	CS-69 (4.5')	125	85								
880-56607-70	CS-70 (4.5')	133 S1+	85								
880-56607-71	CS-71 (4.5')	137 S1+	86								
880-56607-72	CS-72 (4.5')	137 S1+	85								
880-56607-73	CS-73 (4.5')	129	86								
880-56607-74	CS-74 (4.5')	128	83								
880-56607-75	CS-75 (4.5')	127	83								
880-56607-76	CS-76 (4.5')	131 S1+	86								
880-56607-77	CS-77 (4.5')	128	83								
880-56607-78	CS-78 (4.5')	128	85								
880-56607-79	CS-79 (4.5')	129	80								
880-56607-80	CS-80 (4.5')	130	84								
880-56607-81	CS-81 (4.5')	115	81								
880-56607-81 MS	CS-81 (4.5')	100	116								
880-56607-81 MSD	CS-81 (4.5')	105	108								
880-56607-82	CS-82 (4.5')	88	97								
880-56607-83	CS-83 (4.5')	94	101								
880-56607-84	CS-84 (4.5')	101	95								
880-56607-85	CS-85 (4.5')	101	102								
880-56607-86	CS-86 (4.5')	96	100								
880-56607-87	CS-87 (4.5')	120	96								
880-56607-88	CS-88 (4.5')	98	91								
880-56607-89	CS-89 (4.5')	96	87								
880-56607-90	CS-90 (4.5')	106	93								
880-56607-91	CS-91 (4.5')	116	81								
880-56607-92	CS-92 (4.5')	101	100								
880-56607-93	CS-93 (4.5')	101	102								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56607-1
Project/Site: NGL-Tie In
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-56607-94	CS-94 (4.5')	104	102								
880-56607-95	CS-95 (4.5')	108	101								
880-56607-96	CS-96 (4.5')	103	98								
880-56607-97	CS-97 (4.5')	95	94								
880-56607-98	CS-98 (4.5')	112	101								
880-56607-99	CS-99 (4.5')	94	94								
880-56607-100	CS-101 (4.5')	95	102								
880-56607-101	CS-102 (4.5')	103	102								
880-56607-101 MS	CS-102 (4.5')	101	101								
880-56607-101 MSD	CS-102 (4.5')	99	100								
880-56607-102	CS-103 (4.5')	107	98								
880-56607-103	CS-104 (4.5')	102	102								
880-56607-104	CS-105 (4.5')	105	101								
880-56607-105	CS-106 (4.5')	104	102								
880-56607-106	CS-107 (4.5')	104	97								
880-56607-107	CS-108 (4.5')	103	103								
880-56607-108	CS-109 (4.5')	102	101								
880-56607-109	CS-110 (4.5')	111	102								
880-56607-110	CS-111 (4.5')	100	102								
880-56607-111	CS-112 (4.5')	104	102								
880-56607-112	CS-113 (4.5')	104	102								
880-56607-113	CS-114 (4.5')	103	102								
880-56607-114	CS-115 (4.5')	103	102								
880-56607-115	CS-116 (4.5')	104	102								
880-56607-116	CS-117 (4.5')	107	98								
880-56607-117	CS-118 (4.5')	109	102								
880-56607-118	CS-119 (4.5')	101	102								
880-56607-119	CS-11 (4.5')	103	102								
880-56607-120	SW-1 (2.5')	106	103								
890-7915-A-4-C MS	Matrix Spike	111	75								
890-7915-A-4-D MSD	Matrix Spike Duplicate	130	107								
890-7915-A-11-E MS	Matrix Spike	132 S1+	90								
890-7915-A-11-F MSD	Matrix Spike Duplicate	124	90								
890-7915-A-16-C MS	Matrix Spike	98	108								
890-7915-A-16-D MSD	Matrix Spike Duplicate	103	114								
890-7917-A-1-B MS	Matrix Spike	99	95								
890-7917-A-1-C MSD	Matrix Spike Duplicate	102	96								
890-7918-A-1-C MS	Matrix Spike	102	103								
890-7918-A-1-D MSD	Matrix Spike Duplicate	103	101								
LCS 880-107087/1-A	Lab Control Sample	109	95								
LCS 880-107090/1-A	Lab Control Sample	97	97								
LCS 880-107091/1-A	Lab Control Sample	93	109								
LCS 880-107092/1-A	Lab Control Sample	123	91								
LCS 880-107094/1-A	Lab Control Sample	92	100								
LCS 880-107140/1-A	Lab Control Sample	100	99								
LCS 880-107146/1-A	Lab Control Sample	125	88								
LCS 880-107151/1-A	Lab Control Sample	93	114								
LCS 880-107157/1-A	Lab Control Sample	98	100								
LCSD 880-107087/2-A	Lab Control Sample Dup	92	108								
LCSD 880-107090/2-A	Lab Control Sample Dup	119	99								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56607-1
Project/Site: NGL-Tie In
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-107091/2-A	Lab Control Sample Dup	97	112
LCSD 880-107092/2-A	Lab Control Sample Dup	128	88
LCSD 880-107094/2-A	Lab Control Sample Dup	102	101
LCSD 880-107140/2-A	Lab Control Sample Dup	130	73
LCSD 880-107146/2-A	Lab Control Sample Dup	130	91
LCSD 880-107151/2-A	Lab Control Sample Dup	104	115
LCSD 880-107157/2-A	Lab Control Sample Dup	98	100
MB 880-107087/5-A	Method Blank	210 S1+	131 S1+
MB 880-107090/5-A	Method Blank	94	85
MB 880-107091/5-A	Method Blank	103	73
MB 880-107092/5-A	Method Blank	119	82
MB 880-107094/5-A	Method Blank	99	92
MB 880-107140/5-A	Method Blank	101	94
MB 880-107146/5-A	Method Blank	123	80
MB 880-107151/5-A	Method Blank	106	75
MB 880-107157/5-A	Method Blank	103	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-56605-A-1-B MS	Matrix Spike	122	118
880-56605-A-1-C MSD	Matrix Spike Duplicate	122	120
880-56607-1	CS-1 (2.5')	124	123
880-56607-2	CS-2 (2.5')	121	120
880-56607-3	CS-3 (2.5')	122	122
880-56607-4	CS-4 (2.5')	132 S1+	138 S1+
880-56607-4 MS	CS-4 (2.5')	139 S1+	133 S1+
880-56607-4 MSD	CS-4 (2.5')	142 S1+	136 S1+
880-56607-5	CS-5 (4.5')	129	135 S1+
880-56607-6	CS-6 (4.5')	130	134 S1+
880-56607-7	CS-7 (4.5')	129	135 S1+
880-56607-8	CS-8 (4.5')	129	133 S1+
880-56607-9	CS-9 (4.5')	126	129
880-56607-10	CS-10 (4.5')	126	132 S1+
880-56607-11	CS-11 (4.5')	120	124
880-56607-12	CS-12 (4.5')	124	127
880-56607-13	CS-13 (4.5')	124	127
880-56607-14	CS-14 (4.5')	127	131 S1+
880-56607-15	CS-15 (4.5')	126	128
880-56607-16	CS-16 (4.5')	125	128
880-56607-17	CS-17 (4.5')	131 S1+	135 S1+
880-56607-18	CS-18 (4.5')	123	126
880-56607-19	CS-19 (4.5')	126	130
880-56607-20	CS-20 (4.5')	120	122

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56607-1
Project/Site: NGL-Tie In
SDG: Lea 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)								
880-56607-21	CS-21 (4.5')	122	126								
880-56607-22	CS-22 (4.5')	129	130								
880-56607-23	CS-23 (4.5')	123	125								
880-56607-24	CS-24 (4.5')	105	100								
880-56607-24 MS	CS-24 (4.5')	104	103								
880-56607-24 MSD	CS-24 (4.5')	97	102								
880-56607-25	CS-25 (4.5')	104	92								
880-56607-26	CS-26 (4.5')	98	91								
880-56607-27	CS-27 (4.5')	101	93								
880-56607-28	CS-28 (4.5')	99	93								
880-56607-29	CS-29 (4.5')	98	91								
880-56607-30	CS-30 (3.5')	101	92								
880-56607-31	CS-31 (3.5')	96	88								
880-56607-32	CS-32 (3.5')	108	93								
880-56607-33	CS-33 (3.5')	97	89								
880-56607-34	CS-34 (3.5')	96	89								
880-56607-35	CS-35 (3.5')	94	85								
880-56607-36	CS-36 (3.5')	97	88								
880-56607-37	CS-37 (3.5')	103	93								
880-56607-38	CS-38 (3.5')	95	86								
880-56607-39	CS-39 (4.5')	97	89								
880-56607-40	CS-40 (4.5')	108	92								
880-56607-41	CS-41 (4.5')	102	87								
880-56607-42	CS-42 (4.5')	97	89								
880-56607-43	CS-43 (4.5')	101	90								
880-56607-44	CS-44 (4.5')	97	95								
880-56607-44 MS	CS-44 (4.5')	84	88								
880-56607-44 MSD	CS-44 (4.5')	105	96								
880-56607-45	CS-45 (4.5')	94	91								
880-56607-46	CS-46 (4.5')	103	99								
880-56607-47	CS-47 (4.5')	110	104								
880-56607-48	CS-48 (4.5')	107	102								
880-56607-49	CS-49 (4.5')	107	102								
880-56607-50	CS-50 (4.5')	113	107								
880-56607-51	CS-51 (4.5')	111	105								
880-56607-52	CS-52 (4.5')	111	105								
880-56607-53	CS-53 (4.5')	118	113								
880-56607-54	CS-54 (4.5')	120	117								
880-56607-55	CS-55 (4.5')	119	113								
880-56607-56	CS-56 (4.5')	119	114								
880-56607-57	CS-57 (4.5')	118	112								
880-56607-58	CS-58 (4.5')	107	104								
880-56607-59	CS-59 (4.5')	117	111								
880-56607-60	CS-60 (4.5')	116	112								
880-56607-61	CS-61 (4.5')	122	118								
880-56607-62	CS-62 (4.5')	109	104								
880-56607-63	CS-63 (4.5')	119	115								
880-56607-64	CS-64 (4.5')	109	103								
880-56607-64 MS	CS-64 (4.5')	121	105								
880-56607-64 MSD	CS-64 (4.5')	99	105								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56607-1
Project/Site: NGL-Tie In
SDG: Lea 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)								
880-56607-65	CS-65 (4.5')	108	99								
880-56607-66	CS-66 (4.5')	107	100								
880-56607-67	CS-67 (4.5')	104	99								
880-56607-68	CS-68 (4.5')	117	102								
880-56607-69	CS-69 (4.5')	114	99								
880-56607-70	CS-70 (4.5')	104	98								
880-56607-71	CS-71 (4.5')	103	97								
880-56607-72	CS-72 (4.5')	112	103								
880-56607-73	CS-73 (4.5')	102	98								
880-56607-74	CS-74 (4.5')	115	103								
880-56607-75	CS-75 (4.5')	102	93								
880-56607-76	CS-76 (4.5')	108	100								
880-56607-77	CS-77 (4.5')	97	90								
880-56607-78	CS-78 (4.5')	105	95								
880-56607-79	CS-79 (4.5')	107	99								
880-56607-80	CS-80 (4.5')	116	102								
880-56607-81	CS-81 (4.5')	118	102								
880-56607-82	CS-82 (4.5')	112	97								
880-56607-83	CS-83 (4.5')	113	98								
880-56607-84	CS-84 (4.5')	120	117								
880-56607-84 MS	CS-84 (4.5')	113	125								
880-56607-84 MSD	CS-84 (4.5')	101	110								
880-56607-85	CS-85 (4.5')	121	118								
880-56607-86	CS-86 (4.5')	123	120								
880-56607-87	CS-87 (4.5')	126	124								
880-56607-88	CS-88 (4.5')	120	117								
880-56607-89	CS-89 (4.5')	123	121								
880-56607-90	CS-90 (4.5')	114	111								
880-56607-91	CS-91 (4.5')	122	119								
880-56607-92	CS-92 (4.5')	119	116								
880-56607-93	CS-93 (4.5')	122	118								
880-56607-94	CS-94 (4.5')	113	110								
880-56607-95	CS-95 (4.5')	122	118								
880-56607-96	CS-96 (4.5')	120	117								
880-56607-97	CS-97 (4.5')	116	112								
880-56607-98	CS-98 (4.5')	118	115								
880-56607-99	CS-99 (4.5')	114	110								
880-56607-100	CS-101 (4.5')	113	109								
880-56607-101	CS-102 (4.5')	129	126								
880-56607-102	CS-103 (4.5')	112	107								
880-56607-103	CS-104 (4.5')	126	122								
880-56607-104	CS-105 (4.5')	112	114								
880-56607-104 MS	CS-105 (4.5')	127	119								
880-56607-104 MSD	CS-105 (4.5')	128	120								
880-56607-105	CS-106 (4.5')	113	117								
880-56607-106	CS-107 (4.5')	112	115								
880-56607-107	CS-108 (4.5')	112	116								
880-56607-108	CS-109 (4.5')	114	116								
880-56607-109	CS-110 (4.5')	112	114								
880-56607-110	CS-111 (4.5')	111	114								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56607-1
Project/Site: NGL-Tie In
SDG: Lea 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)
880-56607-111	CS-112 (4.5')	113	116
880-56607-112	CS-113 (4.5')	111	114
880-56607-113	CS-114 (4.5')	108	109
880-56607-114	CS-115 (4.5')	111	114
880-56607-115	CS-116 (4.5')	115	118
880-56607-116	CS-117 (4.5')	114	117
880-56607-117	CS-118 (4.5')	102	103
880-56607-118	CS-119 (4.5')	104	106
880-56607-119	CS-11 (4.5')	109	109
880-56607-120	SW-1 (2.5')	109	111
LCS 880-107128/2-A	Lab Control Sample	147 S1+	141 S1+
LCS 880-107129/2-A	Lab Control Sample	160 S1+	163 S1+
LCS 880-107134/2-A	Lab Control Sample	120	130
LCS 880-107224/2-A	Lab Control Sample	126	146 S1+
LCS 880-107225/2-A	Lab Control Sample	138 S1+	152 S1+
LCS 880-107226/2-A	Lab Control Sample	137 S1+	156 S1+
LCS 880-107235/2-A	Lab Control Sample	111	111
LCSD 880-107128/3-A	Lab Control Sample Dup	146 S1+	137 S1+
LCSD 880-107129/3-A	Lab Control Sample Dup	164 S1+	158 S1+
LCSD 880-107134/3-A	Lab Control Sample Dup	116	132 S1+
LCSD 880-107224/3-A	Lab Control Sample Dup	104	115
LCSD 880-107225/3-A	Lab Control Sample Dup	117	130
LCSD 880-107226/3-A	Lab Control Sample Dup	159 S1+	183 S1+
LCSD 880-107235/3-A	Lab Control Sample Dup	115	115
MB 880-107128/1-A	Method Blank	156 S1+	161 S1+
MB 880-107129/1-A	Method Blank	156 S1+	167 S1+
MB 880-107134/1-A	Method Blank	101	93
MB 880-107224/1-A	Method Blank	76	76
MB 880-107225/1-A	Method Blank	100	100
MB 880-107226/1-A	Method Blank	119	127
MB 880-107235/1-A	Method Blank	109	117

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-107087/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107080 — **Prep Batch: 107087**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 08:55	04/08/25 12:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 08:55	04/08/25 12:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 08:55	04/08/25 12:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 08:55	04/08/25 12:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 08:55	04/08/25 12:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 08:55	04/08/25 12:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*210*	*S1+*	*70 - 130*	*04/08/25 08:55*	*04/08/25 12:51*	*1*
1,4-Difluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*04/08/25 08:55*	*04/08/25 12:51*	*1*

Lab Sample ID: LCS 880-107087/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107080 — **Prep Batch: 107087**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1140		mg/Kg		114	70 - 130
Toluene	0.100	0.1075		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130
m,p-Xylenes	0.200	0.2022		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1132		mg/Kg		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-107087/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107080 — **Prep Batch: 107087**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1157		mg/Kg		116	70 - 130	1	35
Toluene	0.100	0.1018		mg/Kg		102	70 - 130	5	35
Ethylbenzene	0.100	0.1072		mg/Kg		107	70 - 130	3	35
m,p-Xylenes	0.200	0.1837		mg/Kg		92	70 - 130	10	35
o-Xylene	0.100	0.1004		mg/Kg		100	70 - 130	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 890-7917-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107080 — **Prep Batch: 107087**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.100	0.06752	F1	mg/Kg		68	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.06485	F1	mg/Kg		65	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7917-A-1-B MS
Matrix: Solid
Analysis Batch: 107080

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F2 F1	0.100	0.06790	F1	mg/Kg		68	70 - 130
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.1389	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.06792	F1	mg/Kg		68	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-7917-A-1-C MSD
Matrix: Solid
Analysis Batch: 107080

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107087

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.1096	F2	mg/Kg		110	70 - 130	48	35
Toluene	<0.00200	U F2 F1	0.100	0.1052	F2	mg/Kg		105	70 - 130	47	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.1110	F2	mg/Kg		111	70 - 130	48	35
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.2300	F2	mg/Kg		115	70 - 130	49	35
o-Xylene	<0.00200	U F2 F1	0.100	0.1083	F2	mg/Kg		108	70 - 130	46	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-107090/5-A
Matrix: Solid
Analysis Batch: 107078

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:05	04/08/25 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:05	04/08/25 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:05	04/08/25 11:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 09:05	04/08/25 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:05	04/08/25 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 09:05	04/08/25 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/08/25 09:05*	*04/08/25 11:29*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*04/08/25 09:05*	*04/08/25 11:29*	*1*

Lab Sample ID: LCS 880-107090/1-A
Matrix: Solid
Analysis Batch: 107078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1159		mg/Kg		116	70 - 130
Toluene	0.100	0.1084		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130
m,p-Xylenes	0.200	0.2137		mg/Kg		107	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-107090/1-A
Matrix: Solid
Analysis Batch: 107078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107090

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1019		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-107090/2-A
Matrix: Solid
Analysis Batch: 107078

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107090

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1159		mg/Kg		116	70 - 130	0	35
Toluene			0.100	0.1088		mg/Kg		109	70 - 130	0	35
Ethylbenzene			0.100	0.1299		mg/Kg		130	70 - 130	21	35
m,p-Xylenes			0.200	0.2563		mg/Kg		128	70 - 130	18	35
o-Xylene			0.100	0.1239		mg/Kg		124	70 - 130	19	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-7915-A-4-C MS
Matrix: Solid
Analysis Batch: 107078

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1 F2	0.100	0.06192	F1	mg/Kg		62	70 - 130		
Toluene	0.00610		0.100	0.08193		mg/Kg		76	70 - 130		
Ethylbenzene	0.0108	F1 F2	0.100	0.07824	F1	mg/Kg		67	70 - 130		
m,p-Xylenes	0.0241		0.200	0.1795		mg/Kg		78	70 - 130		
o-Xylene	0.0101		0.100	0.1072		mg/Kg		97	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*

Lab Sample ID: 890-7915-A-4-D MSD
Matrix: Solid
Analysis Batch: 107078

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107090

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	0.100	0.09783	F2	mg/Kg		98	70 - 130	45	35
Toluene	0.00610		0.100	0.1032		mg/Kg		97	70 - 130	23	35
Ethylbenzene	0.0108	F1 F2	0.100	0.1174	F2	mg/Kg		107	70 - 130	40	35
m,p-Xylenes	0.0241		0.200	0.2362		mg/Kg		106	70 - 130	27	35
o-Xylene	0.0101		0.100	0.1082		mg/Kg		98	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7915-A-4-D MSD
Matrix: Solid
Analysis Batch: 107078

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107090

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-107091/5-A
Matrix: Solid
Analysis Batch: 107076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107091

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:07	04/08/25 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:07	04/08/25 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:07	04/08/25 11:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 09:07	04/08/25 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:07	04/08/25 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 09:07	04/08/25 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/08/25 09:07	04/08/25 11:35	1
1,4-Difluorobenzene (Surr)	73		70 - 130	04/08/25 09:07	04/08/25 11:35	1

Lab Sample ID: LCS 880-107091/1-A
Matrix: Solid
Analysis Batch: 107076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107091

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1200		mg/Kg		120	70 - 130		
Toluene			0.100	0.1095		mg/Kg		109	70 - 130		
Ethylbenzene			0.100	0.1147		mg/Kg		115	70 - 130		
m,p-Xylenes			0.200	0.2167		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1027		mg/Kg		103	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-107091/2-A
Matrix: Solid
Analysis Batch: 107076

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107091

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1092		mg/Kg		109	70 - 130	9	35
Toluene			0.100	0.1021		mg/Kg		102	70 - 130	7	35
Ethylbenzene			0.100	0.1082		mg/Kg		108	70 - 130	6	35
m,p-Xylenes			0.200	0.2072		mg/Kg		104	70 - 130	5	35
o-Xylene			0.100	0.09712		mg/Kg		97	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-107091/2-A
Matrix: Solid
Analysis Batch: 107076

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107091

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 890-7915-A-16-C MS
Matrix: Solid
Analysis Batch: 107076

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107091

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1193		mg/Kg		118	70 - 130
Toluene	<0.00200	U	0.100	0.1112		mg/Kg		111	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1148		mg/Kg		115	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2197		mg/Kg		110	70 - 130
o-Xylene	<0.00200	U	0.100	0.1033		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-7915-A-16-D MSD
Matrix: Solid
Analysis Batch: 107076

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107091

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1224		mg/Kg		121	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.1121		mg/Kg		112	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1148		mg/Kg		115	70 - 130	0	35
m,p-Xylenes	<0.00399	U	0.200	0.2205		mg/Kg		110	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.1044		mg/Kg		104	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: MB 880-107092/5-A
Matrix: Solid
Analysis Batch: 107073

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107092

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:09	04/08/25 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:09	04/08/25 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:09	04/08/25 11:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 09:09	04/08/25 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:09	04/08/25 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 09:09	04/08/25 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	04/08/25 09:09	04/08/25 11:35	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/08/25 09:09	04/08/25 11:35	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-107092/1-A
Matrix: Solid
Analysis Batch: 107073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107092

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1251		mg/Kg		125	70 - 130		
Toluene			0.100	0.1093		mg/Kg		109	70 - 130		
Ethylbenzene			0.100	0.1046		mg/Kg		105	70 - 130		
m,p-Xylenes			0.200	0.2158		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1032		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-107092/2-A
Matrix: Solid
Analysis Batch: 107073

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107092

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1118		mg/Kg		112	70 - 130	11	35
Toluene			0.100	0.1036		mg/Kg		104	70 - 130	5	35
Ethylbenzene			0.100	0.09738		mg/Kg		97	70 - 130	7	35
m,p-Xylenes			0.200	0.2076		mg/Kg		104	70 - 130	4	35
o-Xylene			0.100	0.1002		mg/Kg		100	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: 890-7915-A-11-E MS
Matrix: Solid
Analysis Batch: 107073

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107092

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1155		mg/Kg		116	70 - 130		
Toluene	0.00541		0.100	0.1095		mg/Kg		104	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1116		mg/Kg		112	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.2247		mg/Kg		112	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1077		mg/Kg		108	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: 890-7915-A-11-F MSD
Matrix: Solid
Analysis Batch: 107073

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107092

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1161		mg/Kg		116	70 - 130	0	35
Toluene	0.00541		0.100	0.1049		mg/Kg		99	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130	11	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7915-A-11-F MSD
Matrix: Solid
Analysis Batch: 107073

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107092

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00399	U	0.200	0.2080		mg/Kg		104	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.09939		mg/Kg		99	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: MB 880-107094/5-A
Matrix: Solid
Analysis Batch: 107072

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:12	04/08/25 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:12	04/08/25 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:12	04/08/25 11:25	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 09:12	04/08/25 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 09:12	04/08/25 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 09:12	04/08/25 11:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/08/25 09:12*	*04/08/25 11:25*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/08/25 09:12*	*04/08/25 11:25*	*1*

Lab Sample ID: LCS 880-107094/1-A
Matrix: Solid
Analysis Batch: 107072

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107094

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1054		mg/Kg		105	70 - 130
Toluene	0.100	0.1032		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09839		mg/Kg		98	70 - 130
m,p-Xylenes	0.200	0.1955		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09744		mg/Kg		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-107094/2-A
Matrix: Solid
Analysis Batch: 107072

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107094

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1064		mg/Kg		106	70 - 130	1	35
Toluene	0.100	0.1075		mg/Kg		108	70 - 130	4	35
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130	5	35
m,p-Xylenes	0.200	0.2058		mg/Kg		103	70 - 130	5	35
o-Xylene	0.100	0.1028		mg/Kg		103	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-7918-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107072 — **Prep Batch: 107094**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1053		mg/Kg		105	70 - 130
Toluene	<0.00200	U	0.100	0.1027		mg/Kg		103	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09747		mg/Kg		97	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1938		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.09664		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-7918-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107072 — **Prep Batch: 107094**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09961		mg/Kg		100	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.1005		mg/Kg		101	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09685		mg/Kg		97	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1942		mg/Kg		97	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.09727		mg/Kg		97	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-107140/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107197 — **Prep Batch: 107140**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 11:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:17	04/09/25 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:17	04/09/25 11:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:17	04/09/25 11:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/08/25 16:17	04/09/25 11:31	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/08/25 16:17	04/09/25 11:31	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-107140/1-A
Matrix: Solid
Analysis Batch: 107197

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107140

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09059		mg/Kg		91	70 - 130		
Toluene			0.100	0.09035		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.08795		mg/Kg		88	70 - 130		
m,p-Xylenes			0.200	0.1747		mg/Kg		87	70 - 130		
o-Xylene			0.100	0.08828		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-107140/2-A
Matrix: Solid
Analysis Batch: 107197

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107140

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.05246	*- *1	mg/Kg		52	70 - 130	53	35
Toluene			0.100	0.09232		mg/Kg		92	70 - 130	2	35
Ethylbenzene			0.100	0.1046		mg/Kg		105	70 - 130	17	35
m,p-Xylenes			0.200	0.2280		mg/Kg		114	70 - 130	27	35
o-Xylene			0.100	0.1152		mg/Kg		115	70 - 130	26	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*

Lab Sample ID: 880-56607-41 MS
Matrix: Solid
Analysis Batch: 107197

Client Sample ID: CS-41 (4.5')
Prep Type: Total/NA
Prep Batch: 107140

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U *- *1	0.100	0.09898		mg/Kg		99	70 - 130		
Toluene	<0.00200	U	0.100	0.09904		mg/Kg		99	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09529		mg/Kg		95	70 - 130		
m,p-Xylenes	<0.00401	U	0.200	0.1894		mg/Kg		95	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09479		mg/Kg		95	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-56607-41 MSD
Matrix: Solid
Analysis Batch: 107197

Client Sample ID: CS-41 (4.5')
Prep Type: Total/NA
Prep Batch: 107140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *- *1	0.100	0.09481		mg/Kg		95	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09547		mg/Kg		95	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09186		mg/Kg		92	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56607-41 MSD
Matrix: Solid
Analysis Batch: 107197

Client Sample ID: CS-41 (4.5')
Prep Type: Total/NA
Prep Batch: 107140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00401	U	0.200	0.1825		mg/Kg		91	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09108		mg/Kg		91	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 880-107146/5-A
Matrix: Solid
Analysis Batch: 107198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107146

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 11:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:19	04/09/25 11:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:19	04/09/25 11:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:19	04/09/25 11:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*04/08/25 16:19*	*04/09/25 11:30*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/08/25 16:19*	*04/09/25 11:30*	*1*

Lab Sample ID: LCS 880-107146/1-A
Matrix: Solid
Analysis Batch: 107198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107146

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1097		mg/Kg		110	70 - 130
Toluene	0.100	0.09995		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09544		mg/Kg		95	70 - 130
m,p-Xylenes	0.200	0.2028		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09803		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: LCSD 880-107146/2-A
Matrix: Solid
Analysis Batch: 107198

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107146

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1053		mg/Kg		105	70 - 130	4	35
Toluene	0.100	0.1019		mg/Kg		102	70 - 130	2	35
Ethylbenzene	0.100	0.09668		mg/Kg		97	70 - 130	1	35
m,p-Xylenes	0.200	0.2041		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.09846		mg/Kg		98	70 - 130	0	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-56607-61 MS — **Client Sample ID: CS-61 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107198 — **Prep Batch: 107146**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1161		mg/Kg		116	70 - 130
Toluene	<0.00200	U	0.100	0.1040		mg/Kg		104	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1053		mg/Kg		105	70 - 130
m,p-Xylenes	<0.00401	U	0.200	0.2075		mg/Kg		104	70 - 130
o-Xylene	<0.00200	U	0.100	0.09932		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-56607-61 MSD — **Client Sample ID: CS-61 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107198 — **Prep Batch: 107146**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1097		mg/Kg		110	70 - 130	6	35
Toluene	<0.00200	U	0.100	0.1050		mg/Kg		105	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1011		mg/Kg		101	70 - 130	4	35
m,p-Xylenes	<0.00401	U	0.200	0.2092		mg/Kg		105	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.1003		mg/Kg		100	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: MB 880-107151/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107199 — **Prep Batch: 107151**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 11:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:22	04/09/25 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:22	04/09/25 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:22	04/09/25 11:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/08/25 16:22	04/09/25 11:35	1
1,4-Difluorobenzene (Surr)	75		70 - 130	04/08/25 16:22	04/09/25 11:35	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-107151/1-A
Matrix: Solid
Analysis Batch: 107199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107151

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09398		mg/Kg		94	70 - 130		
Toluene			0.100	0.08532		mg/Kg		85	70 - 130		
Ethylbenzene			0.100	0.09334		mg/Kg		93	70 - 130		
m,p-Xylenes			0.200	0.1856		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.08548		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: LCSD 880-107151/2-A
Matrix: Solid
Analysis Batch: 107199

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107151

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1120		mg/Kg		112	70 - 130	17	35
Toluene			0.100	0.1028		mg/Kg		103	70 - 130	19	35
Ethylbenzene			0.100	0.1096		mg/Kg		110	70 - 130	16	35
m,p-Xylenes			0.200	0.2120		mg/Kg		106	70 - 130	13	35
o-Xylene			0.100	0.09994		mg/Kg		100	70 - 130	16	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: 880-56607-81 MS
Matrix: Solid
Analysis Batch: 107199

Client Sample ID: CS-81 (4.5')
Prep Type: Total/NA
Prep Batch: 107151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1182		mg/Kg		118	70 - 130		
Toluene	<0.00200	U	0.100	0.1091		mg/Kg		109	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1146		mg/Kg		115	70 - 130		
m,p-Xylenes	<0.00401	U	0.200	0.2135		mg/Kg		107	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1015		mg/Kg		102	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: 880-56607-81 MSD
Matrix: Solid
Analysis Batch: 107199

Client Sample ID: CS-81 (4.5')
Prep Type: Total/NA
Prep Batch: 107151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1213		mg/Kg		121	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.1089		mg/Kg		109	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.1132		mg/Kg		113	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56607-81 MSD
Matrix: Solid
Analysis Batch: 107199

Client Sample ID: CS-81 (4.5')
Prep Type: Total/NA
Prep Batch: 107151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00401	U	0.200	0.2143		mg/Kg		107	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.1025		mg/Kg		103	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-107157/5-A
Matrix: Solid
Analysis Batch: 107200

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107157

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 11:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/08/25 16:25	04/09/25 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/25 16:25	04/09/25 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/25 16:25	04/09/25 11:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/08/25 16:25*	*04/09/25 11:35*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/08/25 16:25*	*04/09/25 11:35*	*1*

Lab Sample ID: LCS 880-107157/1-A
Matrix: Solid
Analysis Batch: 107200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107157

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08931		mg/Kg		89	70 - 130
Toluene	0.100	0.08285		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08664		mg/Kg		87	70 - 130
m,p-Xylenes	0.200	0.1753		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08830		mg/Kg		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-107157/2-A
Matrix: Solid
Analysis Batch: 107200

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107157

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08986		mg/Kg		90	70 - 130	1	35
Toluene	0.100	0.08360		mg/Kg		84	70 - 130	1	35
Ethylbenzene	0.100	0.08711		mg/Kg		87	70 - 130	1	35
m,p-Xylenes	0.200	0.1754		mg/Kg		88	70 - 130	0	35
o-Xylene	0.100	0.08893		mg/Kg		89	70 - 130	1	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-56607-101 MS — **Client Sample ID: CS-102 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107200 — **Prep Batch: 107157**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08708		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.08030		mg/Kg		80	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08304		mg/Kg		83	70 - 130
m,p-Xylenes	<0.00401	U	0.200	0.1671		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U	0.100	0.08433		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-56607-101 MSD — **Client Sample ID: CS-102 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107200 — **Prep Batch: 107157**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09101		mg/Kg		91	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.08380		mg/Kg		84	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.08610		mg/Kg		86	70 - 130	4	35
m,p-Xylenes	<0.00401	U	0.200	0.1729		mg/Kg		86	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08679		mg/Kg		87	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-107128/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107220 — **Prep Batch: 107128**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/25 15:33	04/09/25 06:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/25 15:33	04/09/25 06:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/25 15:33	04/09/25 06:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	156	S1+	70 - 130	04/08/25 15:33	04/09/25 06:21	1
o-Terphenyl (Surr)	161	S1+	70 - 130	04/08/25 15:33	04/09/25 06:21	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-107128/2-A
Matrix: Solid
Analysis Batch: 107220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107128

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1245		mg/Kg		125	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1180		mg/Kg		118	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*147*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-107128/3-A
Matrix: Solid
Analysis Batch: 107220

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107128

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1263		mg/Kg		126	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1157		mg/Kg		116	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*146*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*

Lab Sample ID: 880-56605-A-1-B MS
Matrix: Solid
Analysis Batch: 107220

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107128

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	931.7		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	928.5		mg/Kg		89	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*122*		*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Lab Sample ID: 880-56605-A-1-C MSD
Matrix: Solid
Analysis Batch: 107220

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107128

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	912.5		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	897.2		mg/Kg		86	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*122*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56605-A-1-C MSD
Matrix: Solid
Analysis Batch: 107220

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107128

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	120		70 - 130

Lab Sample ID: MB 880-107129/1-A
Matrix: Solid
Analysis Batch: 107222

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107129

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/25 15:46	04/09/25 06:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/25 15:46	04/09/25 06:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/25 15:46	04/09/25 06:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	156	S1+	70 - 130	04/08/25 15:46	04/09/25 06:36	1
o-Terphenyl (Surr)	167	S1+	70 - 130	04/08/25 15:46	04/09/25 06:36	1

Lab Sample ID: LCS 880-107129/2-A
Matrix: Solid
Analysis Batch: 107222

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107129

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1247		mg/Kg		125	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1362	*+	mg/Kg		136	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	160	S1+	70 - 130
o-Terphenyl (Surr)	163	S1+	70 - 130

Lab Sample ID: LCSD 880-107129/3-A
Matrix: Solid
Analysis Batch: 107222

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107129

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1231		mg/Kg		123	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1329	*+	mg/Kg		133	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	164	S1+	70 - 130
o-Terphenyl (Surr)	158	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56607-4 MS — **Client Sample ID: CS-4 (2.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107222 — **Prep Batch: 107129**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	930.3		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *+	1010	994.8		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*

Lab Sample ID: 880-56607-4 MSD — **Client Sample ID: CS-4 (2.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107222 — **Prep Batch: 107129**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	947.0		mg/Kg		94	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	1010	1014		mg/Kg		100	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*142*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-107134/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107210 — **Prep Batch: 107134**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/25 15:59	04/09/25 06:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/25 15:59	04/09/25 06:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/25 15:59	04/09/25 06:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/08/25 15:59*	*04/09/25 06:42*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/08/25 15:59*	*04/09/25 06:42*	*1*

Lab Sample ID: LCS 880-107134/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107210 — **Prep Batch: 107134**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1056		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1112		mg/Kg		111	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-107134/2-A
Matrix: Solid
Analysis Batch: 107210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	130		70 - 130

Lab Sample ID: LCSD 880-107134/3-A
Matrix: Solid
Analysis Batch: 107210

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107134

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1013		mg/Kg		101	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1096		mg/Kg		110	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	132	S1+	70 - 130

Lab Sample ID: 880-56607-24 MS
Matrix: Solid
Analysis Batch: 107210

Client Sample ID: CS-24 (4.5')
Prep Type: Total/NA
Prep Batch: 107134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	997	857.3		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	997	888.6		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 880-56607-24 MSD
Matrix: Solid
Analysis Batch: 107210

Client Sample ID: CS-24 (4.5')
Prep Type: Total/NA
Prep Batch: 107134

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	<49.7	U	997	777.2		mg/Kg		78	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.7	U	997	874.9		mg/Kg		88	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	102		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-107224/1-A
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107224

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 06:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 06:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:31	04/09/25 06:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/09/25 09:31*	*04/09/25 06:42*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/09/25 09:31*	*04/09/25 06:42*	*1*

Lab Sample ID: LCS 880-107224/2-A
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107224

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1006		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1189		mg/Kg		119	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*146*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-107224/3-A
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107224

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	842.3		mg/Kg		84	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	1000	970.1		mg/Kg		97	70 - 130	20	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*104*		*70 - 130*
o-Terphenyl (Surr)	*115*		*70 - 130*

Lab Sample ID: 880-56607-44 MS
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: CS-44 (4.5')
Prep Type: Total/NA
Prep Batch: 107224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	994	600.3	F1	mg/Kg		60	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	994	759.8		mg/Kg		76	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56607-44 MS
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: CS-44 (4.5')
Prep Type: Total/NA
Prep Batch: 107224

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	88		70 - 130

Lab Sample ID: 880-56607-44 MSD
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: CS-44 (4.5')
Prep Type: Total/NA
Prep Batch: 107224

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 F1	994	675.2	F1	mg/Kg		68	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<49.9	U	994	783.4		mg/Kg		79	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: MB 880-107225/1-A
Matrix: Solid
Analysis Batch: 107210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:37	04/09/25 18:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:37	04/09/25 18:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:37	04/09/25 18:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	04/09/25 09:37	04/09/25 18:26	1
o-Terphenyl (Surr)	100		70 - 130	04/09/25 09:37	04/09/25 18:26	1

Lab Sample ID: LCS 880-107225/2-A
Matrix: Solid
Analysis Batch: 107210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1136		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1292		mg/Kg		129	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	138	S1+	70 - 130
o-Terphenyl (Surr)	152	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-107225/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107210 — **Prep Batch: 107225**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1014		mg/Kg		101	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	1089		mg/Kg		109	70 - 130	17	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*117*		*70 - 130*
o-Terphenyl (Surr)	*130*		*70 - 130*

Lab Sample ID: 880-56607-64 MS — **Client Sample ID: CS-64 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107210 — **Prep Batch: 107225**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	831.5		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	885.3		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*121*		*70 - 130*
o-Terphenyl (Surr)	*105*		*70 - 130*

Lab Sample ID: 880-56607-64 MSD — **Client Sample ID: CS-64 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107210 — **Prep Batch: 107225**

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	800.8		mg/Kg		79	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	896.5		mg/Kg		89	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*99*		*70 - 130*
o-Terphenyl (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-107226/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107212 — **Prep Batch: 107226**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/09/25 18:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/09/25 18:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 09:43	04/09/25 18:26	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-107226/1-A
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107226

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	04/09/25 09:43	04/09/25 18:26	1
o-Terphenyl (Surr)	127		70 - 130	04/09/25 09:43	04/09/25 18:26	1

Lab Sample ID: LCS 880-107226/2-A
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107226

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1060		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1295		mg/Kg		129	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	137	S1+	70 - 130
o-Terphenyl (Surr)	156	S1+	70 - 130

Lab Sample ID: LCSD 880-107226/3-A
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107226

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1250		mg/Kg		125	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1518	*+	mg/Kg		152	70 - 130	16	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	159	S1+	70 - 130
o-Terphenyl (Surr)	183	S1+	70 - 130

Lab Sample ID: 880-56607-84 MS
Matrix: Solid
Analysis Batch: 107212

Client Sample ID: CS-84 (4.5')
Prep Type: Total/NA
Prep Batch: 107226

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	841.5		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U *+	995	1082		mg/Kg		109	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	125		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56607-84 MSD — **Client Sample ID: CS-84 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107212 — **Prep Batch: 107226**

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	995	768.6		mg/Kg		77	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	995	941.3		mg/Kg		95	70 - 130	14	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*
o-Terphenyl (Surr)	*110*		*70 - 130*

Lab Sample ID: MB 880-107235/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107222 — **Prep Batch: 107235**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/09/25 11:31	04/09/25 16:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/09/25 11:31	04/09/25 16:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/09/25 11:31	04/09/25 16:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/09/25 11:31*	*04/09/25 16:18*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/09/25 11:31*	*04/09/25 16:18*	*1*

Lab Sample ID: LCS 880-107235/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107222 — **Prep Batch: 107235**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	854.2		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	966.1		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*111*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-107235/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107222 — **Prep Batch: 107235**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	868.2		mg/Kg		87	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1008		mg/Kg		101	70 - 130	4	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-107235/3-A
Matrix: Solid
Analysis Batch: 107222

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107235

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	115		70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: 880-56607-104 MS
Matrix: Solid
Analysis Batch: 107222

Client Sample ID: CS-105 (4.5')
Prep Type: Total/NA
Prep Batch: 107235

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	926.7		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1025		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	127		70 - 130
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: 880-56607-104 MSD
Matrix: Solid
Analysis Batch: 107222

Client Sample ID: CS-105 (4.5')
Prep Type: Total/NA
Prep Batch: 107235

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	995	934.1		mg/Kg		94	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1023		mg/Kg		103	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	120		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107131/1-A
Matrix: Solid
Analysis Batch: 107135

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/08/25 21:18	1

Lab Sample ID: LCS 880-107131/2-A
Matrix: Solid
Analysis Batch: 107135

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.9		mg/Kg		108	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-107131/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107135

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	268.2		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 880-56607-21 MS — **Client Sample ID: CS-21 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3250	F1	1260	4821	F1	mg/Kg		125	90 - 110

Lab Sample ID: 880-56607-21 MSD — **Client Sample ID: CS-21 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3250	F1	1260	4828	F1	mg/Kg		126	90 - 110	0	20

Lab Sample ID: 880-56607-31 MS — **Client Sample ID: CS-31 (3.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	65.0	F1	251	354.9	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-56607-31 MSD — **Client Sample ID: CS-31 (3.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	65.0	F1	251	353.5	F1	mg/Kg		115	90 - 110	0	20

Lab Sample ID: MB 880-107130/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107137

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/08/25 16:56	1

Lab Sample ID: LCS 880-107130/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107137

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	264.7		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-107130/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107137

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	264.7		mg/Kg		106	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56607-1 MS
Matrix: Solid
Analysis Batch: 107137

Client Sample ID: CS-1 (2.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	103	F1	251	385.1	F1	mg/Kg		113	90 - 110

Lab Sample ID: 880-56607-1 MSD
Matrix: Solid
Analysis Batch: 107137

Client Sample ID: CS-1 (2.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	103	F1	251	384.7	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: 880-56607-11 MS
Matrix: Solid
Analysis Batch: 107137

Client Sample ID: CS-11 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2780	F1	1260	4399	F1	mg/Kg		129	90 - 110

Lab Sample ID: 880-56607-11 MSD
Matrix: Solid
Analysis Batch: 107137

Client Sample ID: CS-11 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2780	F1	1260	4405	F1	mg/Kg		129	90 - 110	0	20

Lab Sample ID: MB 880-107133/1-A
Matrix: Solid
Analysis Batch: 107138

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/09/25 09:29	1

Lab Sample ID: LCS 880-107133/2-A
Matrix: Solid
Analysis Batch: 107138

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	229.5		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-107133/3-A
Matrix: Solid
Analysis Batch: 107138

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	229.4		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-56607-41 MS
Matrix: Solid
Analysis Batch: 107138

Client Sample ID: CS-41 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2190		1250	3492		mg/Kg		104	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56607-41 MSD — **Client Sample ID: CS-41 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107138

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2190		1250	3508		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-56607-51 MS — **Client Sample ID: CS-51 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1970		1260	3216		mg/Kg		99	90 - 110

Lab Sample ID: 880-56607-51 MSD — **Client Sample ID: CS-51 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107138

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1970		1260	3223		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-107139/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/09/25 08:46	1

Lab Sample ID: LCS 880-107139/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.0		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-107139/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107147

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.9		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-56607-61 MS — **Client Sample ID: CS-61 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2380		1250	3563		mg/Kg		95	90 - 110

Lab Sample ID: 880-56607-61 MSD — **Client Sample ID: CS-61 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2380		1250	3577		mg/Kg		96	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56607-71 MS
Matrix: Solid
Analysis Batch: 107147

Client Sample ID: CS-71 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1450		248	1640	E 4	mg/Kg		76	90 - 110

Lab Sample ID: 880-56607-71 MSD
Matrix: Solid
Analysis Batch: 107147

Client Sample ID: CS-71 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1450		248	1654	E 4	mg/Kg		82	90 - 110	1	20

Lab Sample ID: MB 880-107150/1-A
Matrix: Solid
Analysis Batch: 107156

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/09/25 08:34	1

Lab Sample ID: LCS 880-107150/2-A
Matrix: Solid
Analysis Batch: 107156

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.7		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-107150/3-A
Matrix: Solid
Analysis Batch: 107156

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	260.1		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-56607-81 MS
Matrix: Solid
Analysis Batch: 107156

Client Sample ID: CS-81 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1190		253	1911	E 4	mg/Kg		285	90 - 110

Lab Sample ID: 880-56607-81 MSD
Matrix: Solid
Analysis Batch: 107156

Client Sample ID: CS-81 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1190		253	1911	E 4	mg/Kg		285	90 - 110	0	20

Lab Sample ID: 880-56607-91 MS
Matrix: Solid
Analysis Batch: 107156

Client Sample ID: CS-91 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2010	F1	1250	3536	F1	mg/Kg		122	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56607-91 MSD — **Client Sample ID: CS-91 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107156

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2010	F1	1250	3506	F1	mg/Kg		120	90 - 110	1	20

Lab Sample ID: MB 880-107158/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107160

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/08/25 19:29	1

Lab Sample ID: LCS 880-107158/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107160

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.3		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-107158/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107160

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.5		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-56607-101 MS — **Client Sample ID: CS-102 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107160

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2560		1250	3897		mg/Kg		107	90 - 110

Lab Sample ID: 880-56607-101 MSD — **Client Sample ID: CS-102 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107160

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2560		1250	3899		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-56607-111 MS — **Client Sample ID: CS-112 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107160

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2520		1250	3750		mg/Kg		98	90 - 110

Lab Sample ID: 880-56607-111 MSD — **Client Sample ID: CS-112 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107160

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2520		1250	3753		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 107072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-31	CS-31 (3.5')	Total/NA	Solid	8021B	107094
880-56607-32	CS-32 (3.5')	Total/NA	Solid	8021B	107094
880-56607-33	CS-33 (3.5')	Total/NA	Solid	8021B	107094
880-56607-34	CS-34 (3.5')	Total/NA	Solid	8021B	107094
880-56607-35	CS-35 (3.5')	Total/NA	Solid	8021B	107094
880-56607-36	CS-36 (3.5')	Total/NA	Solid	8021B	107094
880-56607-37	CS-37 (3.5')	Total/NA	Solid	8021B	107094
880-56607-38	CS-38 (3.5')	Total/NA	Solid	8021B	107094
880-56607-39	CS-39 (4.5')	Total/NA	Solid	8021B	107094
MB 880-107094/5-A	Method Blank	Total/NA	Solid	8021B	107094
LCS 880-107094/1-A	Lab Control Sample	Total/NA	Solid	8021B	107094
LCSD 880-107094/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107094
890-7918-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	107094
890-7918-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	107094

Analysis Batch: 107073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-1	CS-1 (2.5')	Total/NA	Solid	8021B	107092
880-56607-2	CS-2 (2.5')	Total/NA	Solid	8021B	107092
880-56607-3	CS-3 (2.5')	Total/NA	Solid	8021B	107092
880-56607-4	CS-4 (2.5')	Total/NA	Solid	8021B	107092
880-56607-5	CS-5 (4.5')	Total/NA	Solid	8021B	107092
880-56607-6	CS-6 (4.5')	Total/NA	Solid	8021B	107092
880-56607-7	CS-7 (4.5')	Total/NA	Solid	8021B	107092
880-56607-8	CS-8 (4.5')	Total/NA	Solid	8021B	107092
880-56607-9	CS-9 (4.5')	Total/NA	Solid	8021B	107092
880-56607-10	CS-10 (4.5')	Total/NA	Solid	8021B	107092
MB 880-107092/5-A	Method Blank	Total/NA	Solid	8021B	107092
LCS 880-107092/1-A	Lab Control Sample	Total/NA	Solid	8021B	107092
LCSD 880-107092/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107092
890-7915-A-11-E MS	Matrix Spike	Total/NA	Solid	8021B	107092
890-7915-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	107092

Analysis Batch: 107076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-11	CS-11 (4.5')	Total/NA	Solid	8021B	107091
880-56607-12	CS-12 (4.5')	Total/NA	Solid	8021B	107091
880-56607-13	CS-13 (4.5')	Total/NA	Solid	8021B	107091
880-56607-14	CS-14 (4.5')	Total/NA	Solid	8021B	107091
880-56607-15	CS-15 (4.5')	Total/NA	Solid	8021B	107091
880-56607-16	CS-16 (4.5')	Total/NA	Solid	8021B	107091
880-56607-17	CS-17 (4.5')	Total/NA	Solid	8021B	107091
880-56607-18	CS-18 (4.5')	Total/NA	Solid	8021B	107091
880-56607-19	CS-19 (4.5')	Total/NA	Solid	8021B	107091
880-56607-20	CS-20 (4.5')	Total/NA	Solid	8021B	107091
MB 880-107091/5-A	Method Blank	Total/NA	Solid	8021B	107091
LCS 880-107091/1-A	Lab Control Sample	Total/NA	Solid	8021B	107091
LCSD 880-107091/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107091
890-7915-A-16-C MS	Matrix Spike	Total/NA	Solid	8021B	107091
890-7915-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	107091

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 107078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-21	CS-21 (4.5')	Total/NA	Solid	8021B	107090
880-56607-22	CS-22 (4.5')	Total/NA	Solid	8021B	107090
880-56607-23	CS-23 (4.5')	Total/NA	Solid	8021B	107090
880-56607-24	CS-24 (4.5')	Total/NA	Solid	8021B	107090
880-56607-25	CS-25 (4.5')	Total/NA	Solid	8021B	107090
880-56607-26	CS-26 (4.5')	Total/NA	Solid	8021B	107090
880-56607-27	CS-27 (4.5')	Total/NA	Solid	8021B	107090
880-56607-28	CS-28 (4.5')	Total/NA	Solid	8021B	107090
880-56607-29	CS-29 (4.5')	Total/NA	Solid	8021B	107090
880-56607-30	CS-30 (3.5')	Total/NA	Solid	8021B	107090
MB 880-107090/5-A	Method Blank	Total/NA	Solid	8021B	107090
LCS 880-107090/1-A	Lab Control Sample	Total/NA	Solid	8021B	107090
LCSD 880-107090/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107090
890-7915-A-4-C MS	Matrix Spike	Total/NA	Solid	8021B	107090
890-7915-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	107090

Analysis Batch: 107080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-40	CS-40 (4.5')	Total/NA	Solid	8021B	107087
MB 880-107087/5-A	Method Blank	Total/NA	Solid	8021B	107087
LCS 880-107087/1-A	Lab Control Sample	Total/NA	Solid	8021B	107087
LCSD 880-107087/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107087
890-7917-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	107087
890-7917-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	107087

Prep Batch: 107087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-40	CS-40 (4.5')	Total/NA	Solid	5035	
MB 880-107087/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107087/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107087/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7917-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-7917-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 107090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-21	CS-21 (4.5')	Total/NA	Solid	5035	
880-56607-22	CS-22 (4.5')	Total/NA	Solid	5035	
880-56607-23	CS-23 (4.5')	Total/NA	Solid	5035	
880-56607-24	CS-24 (4.5')	Total/NA	Solid	5035	
880-56607-25	CS-25 (4.5')	Total/NA	Solid	5035	
880-56607-26	CS-26 (4.5')	Total/NA	Solid	5035	
880-56607-27	CS-27 (4.5')	Total/NA	Solid	5035	
880-56607-28	CS-28 (4.5')	Total/NA	Solid	5035	
880-56607-29	CS-29 (4.5')	Total/NA	Solid	5035	
880-56607-30	CS-30 (3.5')	Total/NA	Solid	5035	
MB 880-107090/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107090/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107090/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7915-A-4-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7915-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 107091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-11	CS-11 (4.5')	Total/NA	Solid	5035	
880-56607-12	CS-12 (4.5')	Total/NA	Solid	5035	
880-56607-13	CS-13 (4.5')	Total/NA	Solid	5035	
880-56607-14	CS-14 (4.5')	Total/NA	Solid	5035	
880-56607-15	CS-15 (4.5')	Total/NA	Solid	5035	
880-56607-16	CS-16 (4.5')	Total/NA	Solid	5035	
880-56607-17	CS-17 (4.5')	Total/NA	Solid	5035	
880-56607-18	CS-18 (4.5')	Total/NA	Solid	5035	
880-56607-19	CS-19 (4.5')	Total/NA	Solid	5035	
880-56607-20	CS-20 (4.5')	Total/NA	Solid	5035	
MB 880-107091/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107091/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107091/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7915-A-16-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7915-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 107092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-1	CS-1 (2.5')	Total/NA	Solid	5035	
880-56607-2	CS-2 (2.5')	Total/NA	Solid	5035	
880-56607-3	CS-3 (2.5')	Total/NA	Solid	5035	
880-56607-4	CS-4 (2.5')	Total/NA	Solid	5035	
880-56607-5	CS-5 (4.5')	Total/NA	Solid	5035	
880-56607-6	CS-6 (4.5')	Total/NA	Solid	5035	
880-56607-7	CS-7 (4.5')	Total/NA	Solid	5035	
880-56607-8	CS-8 (4.5')	Total/NA	Solid	5035	
880-56607-9	CS-9 (4.5')	Total/NA	Solid	5035	
880-56607-10	CS-10 (4.5')	Total/NA	Solid	5035	
MB 880-107092/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107092/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107092/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7915-A-11-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7915-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 107094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-31	CS-31 (3.5')	Total/NA	Solid	5035	
880-56607-32	CS-32 (3.5')	Total/NA	Solid	5035	
880-56607-33	CS-33 (3.5')	Total/NA	Solid	5035	
880-56607-34	CS-34 (3.5')	Total/NA	Solid	5035	
880-56607-35	CS-35 (3.5')	Total/NA	Solid	5035	
880-56607-36	CS-36 (3.5')	Total/NA	Solid	5035	
880-56607-37	CS-37 (3.5')	Total/NA	Solid	5035	
880-56607-38	CS-38 (3.5')	Total/NA	Solid	5035	
880-56607-39	CS-39 (4.5')	Total/NA	Solid	5035	
MB 880-107094/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107094/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107094/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7918-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7918-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 107140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-41	CS-41 (4.5')	Total/NA	Solid	5035	
880-56607-42	CS-42 (4.5')	Total/NA	Solid	5035	
880-56607-43	CS-43 (4.5')	Total/NA	Solid	5035	
880-56607-44	CS-44 (4.5')	Total/NA	Solid	5035	
880-56607-45	CS-45 (4.5')	Total/NA	Solid	5035	
880-56607-46	CS-46 (4.5')	Total/NA	Solid	5035	
880-56607-47	CS-47 (4.5')	Total/NA	Solid	5035	
880-56607-48	CS-48 (4.5')	Total/NA	Solid	5035	
880-56607-49	CS-49 (4.5')	Total/NA	Solid	5035	
880-56607-50	CS-50 (4.5')	Total/NA	Solid	5035	
880-56607-51	CS-51 (4.5')	Total/NA	Solid	5035	
880-56607-52	CS-52 (4.5')	Total/NA	Solid	5035	
880-56607-53	CS-53 (4.5')	Total/NA	Solid	5035	
880-56607-54	CS-54 (4.5')	Total/NA	Solid	5035	
880-56607-55	CS-55 (4.5')	Total/NA	Solid	5035	
880-56607-56	CS-56 (4.5')	Total/NA	Solid	5035	
880-56607-57	CS-57 (4.5')	Total/NA	Solid	5035	
880-56607-58	CS-58 (4.5')	Total/NA	Solid	5035	
880-56607-59	CS-59 (4.5')	Total/NA	Solid	5035	
880-56607-60	CS-60 (4.5')	Total/NA	Solid	5035	
MB 880-107140/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107140/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107140/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56607-41 MS	CS-41 (4.5')	Total/NA	Solid	5035	
880-56607-41 MSD	CS-41 (4.5')	Total/NA	Solid	5035	

Prep Batch: 107146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-61	CS-61 (4.5')	Total/NA	Solid	5035	
880-56607-62	CS-62 (4.5')	Total/NA	Solid	5035	
880-56607-63	CS-63 (4.5')	Total/NA	Solid	5035	
880-56607-64	CS-64 (4.5')	Total/NA	Solid	5035	
880-56607-65	CS-65 (4.5')	Total/NA	Solid	5035	
880-56607-66	CS-66 (4.5')	Total/NA	Solid	5035	
880-56607-67	CS-67 (4.5')	Total/NA	Solid	5035	
880-56607-68	CS-68 (4.5')	Total/NA	Solid	5035	
880-56607-69	CS-69 (4.5')	Total/NA	Solid	5035	
880-56607-70	CS-70 (4.5')	Total/NA	Solid	5035	
880-56607-71	CS-71 (4.5')	Total/NA	Solid	5035	
880-56607-72	CS-72 (4.5')	Total/NA	Solid	5035	
880-56607-73	CS-73 (4.5')	Total/NA	Solid	5035	
880-56607-74	CS-74 (4.5')	Total/NA	Solid	5035	
880-56607-75	CS-75 (4.5')	Total/NA	Solid	5035	
880-56607-76	CS-76 (4.5')	Total/NA	Solid	5035	
880-56607-77	CS-77 (4.5')	Total/NA	Solid	5035	
880-56607-78	CS-78 (4.5')	Total/NA	Solid	5035	
880-56607-79	CS-79 (4.5')	Total/NA	Solid	5035	
880-56607-80	CS-80 (4.5')	Total/NA	Solid	5035	
MB 880-107146/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107146/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107146/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 107146 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-61 MS	CS-61 (4.5')	Total/NA	Solid	5035	
880-56607-61 MSD	CS-61 (4.5')	Total/NA	Solid	5035	

Prep Batch: 107151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-81	CS-81 (4.5')	Total/NA	Solid	5035	
880-56607-82	CS-82 (4.5')	Total/NA	Solid	5035	
880-56607-83	CS-83 (4.5')	Total/NA	Solid	5035	
880-56607-84	CS-84 (4.5')	Total/NA	Solid	5035	
880-56607-85	CS-85 (4.5')	Total/NA	Solid	5035	
880-56607-86	CS-86 (4.5')	Total/NA	Solid	5035	
880-56607-87	CS-87 (4.5')	Total/NA	Solid	5035	
880-56607-88	CS-88 (4.5')	Total/NA	Solid	5035	
880-56607-89	CS-89 (4.5')	Total/NA	Solid	5035	
880-56607-90	CS-90 (4.5')	Total/NA	Solid	5035	
880-56607-91	CS-91 (4.5')	Total/NA	Solid	5035	
880-56607-92	CS-92 (4.5')	Total/NA	Solid	5035	
880-56607-93	CS-93 (4.5')	Total/NA	Solid	5035	
880-56607-94	CS-94 (4.5')	Total/NA	Solid	5035	
880-56607-95	CS-95 (4.5')	Total/NA	Solid	5035	
880-56607-96	CS-96 (4.5')	Total/NA	Solid	5035	
880-56607-97	CS-97 (4.5')	Total/NA	Solid	5035	
880-56607-98	CS-98 (4.5')	Total/NA	Solid	5035	
880-56607-99	CS-99 (4.5')	Total/NA	Solid	5035	
880-56607-100	CS-101 (4.5')	Total/NA	Solid	5035	
MB 880-107151/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107151/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107151/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56607-81 MS	CS-81 (4.5')	Total/NA	Solid	5035	
880-56607-81 MSD	CS-81 (4.5')	Total/NA	Solid	5035	

Prep Batch: 107157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-101	CS-102 (4.5')	Total/NA	Solid	5035	
880-56607-102	CS-103 (4.5')	Total/NA	Solid	5035	
880-56607-103	CS-104 (4.5')	Total/NA	Solid	5035	
880-56607-104	CS-105 (4.5')	Total/NA	Solid	5035	
880-56607-105	CS-106 (4.5')	Total/NA	Solid	5035	
880-56607-106	CS-107 (4.5')	Total/NA	Solid	5035	
880-56607-107	CS-108 (4.5')	Total/NA	Solid	5035	
880-56607-108	CS-109 (4.5')	Total/NA	Solid	5035	
880-56607-109	CS-110 (4.5')	Total/NA	Solid	5035	
880-56607-110	CS-111 (4.5')	Total/NA	Solid	5035	
880-56607-111	CS-112 (4.5')	Total/NA	Solid	5035	
880-56607-112	CS-113 (4.5')	Total/NA	Solid	5035	
880-56607-113	CS-114 (4.5')	Total/NA	Solid	5035	
880-56607-114	CS-115 (4.5')	Total/NA	Solid	5035	
880-56607-115	CS-116 (4.5')	Total/NA	Solid	5035	
880-56607-116	CS-117 (4.5')	Total/NA	Solid	5035	
880-56607-117	CS-118 (4.5')	Total/NA	Solid	5035	
880-56607-118	CS-119 (4.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 107157 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-119	CS-11 (4.5')	Total/NA	Solid	5035	
880-56607-120	SW-1 (2.5')	Total/NA	Solid	5035	
MB 880-107157/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107157/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107157/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56607-101 MS	CS-102 (4.5')	Total/NA	Solid	5035	
880-56607-101 MSD	CS-102 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 107197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-41	CS-41 (4.5')	Total/NA	Solid	8021B	107140
880-56607-42	CS-42 (4.5')	Total/NA	Solid	8021B	107140
880-56607-43	CS-43 (4.5')	Total/NA	Solid	8021B	107140
880-56607-44	CS-44 (4.5')	Total/NA	Solid	8021B	107140
880-56607-45	CS-45 (4.5')	Total/NA	Solid	8021B	107140
880-56607-46	CS-46 (4.5')	Total/NA	Solid	8021B	107140
880-56607-47	CS-47 (4.5')	Total/NA	Solid	8021B	107140
880-56607-48	CS-48 (4.5')	Total/NA	Solid	8021B	107140
880-56607-49	CS-49 (4.5')	Total/NA	Solid	8021B	107140
880-56607-50	CS-50 (4.5')	Total/NA	Solid	8021B	107140
880-56607-51	CS-51 (4.5')	Total/NA	Solid	8021B	107140
880-56607-52	CS-52 (4.5')	Total/NA	Solid	8021B	107140
880-56607-53	CS-53 (4.5')	Total/NA	Solid	8021B	107140
880-56607-54	CS-54 (4.5')	Total/NA	Solid	8021B	107140
880-56607-55	CS-55 (4.5')	Total/NA	Solid	8021B	107140
880-56607-56	CS-56 (4.5')	Total/NA	Solid	8021B	107140
880-56607-57	CS-57 (4.5')	Total/NA	Solid	8021B	107140
880-56607-58	CS-58 (4.5')	Total/NA	Solid	8021B	107140
880-56607-59	CS-59 (4.5')	Total/NA	Solid	8021B	107140
880-56607-60	CS-60 (4.5')	Total/NA	Solid	8021B	107140
MB 880-107140/5-A	Method Blank	Total/NA	Solid	8021B	107140
LCS 880-107140/1-A	Lab Control Sample	Total/NA	Solid	8021B	107140
LCSD 880-107140/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107140
880-56607-41 MS	CS-41 (4.5')	Total/NA	Solid	8021B	107140
880-56607-41 MSD	CS-41 (4.5')	Total/NA	Solid	8021B	107140

Analysis Batch: 107198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-61	CS-61 (4.5')	Total/NA	Solid	8021B	107146
880-56607-62	CS-62 (4.5')	Total/NA	Solid	8021B	107146
880-56607-63	CS-63 (4.5')	Total/NA	Solid	8021B	107146
880-56607-64	CS-64 (4.5')	Total/NA	Solid	8021B	107146
880-56607-65	CS-65 (4.5')	Total/NA	Solid	8021B	107146
880-56607-66	CS-66 (4.5')	Total/NA	Solid	8021B	107146
880-56607-67	CS-67 (4.5')	Total/NA	Solid	8021B	107146
880-56607-68	CS-68 (4.5')	Total/NA	Solid	8021B	107146
880-56607-69	CS-69 (4.5')	Total/NA	Solid	8021B	107146
880-56607-70	CS-70 (4.5')	Total/NA	Solid	8021B	107146
880-56607-71	CS-71 (4.5')	Total/NA	Solid	8021B	107146
880-56607-72	CS-72 (4.5')	Total/NA	Solid	8021B	107146
880-56607-73	CS-73 (4.5')	Total/NA	Solid	8021B	107146

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 107198 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-74	CS-74 (4.5')	Total/NA	Solid	8021B	107146
880-56607-75	CS-75 (4.5')	Total/NA	Solid	8021B	107146
880-56607-76	CS-76 (4.5')	Total/NA	Solid	8021B	107146
880-56607-77	CS-77 (4.5')	Total/NA	Solid	8021B	107146
880-56607-78	CS-78 (4.5')	Total/NA	Solid	8021B	107146
880-56607-79	CS-79 (4.5')	Total/NA	Solid	8021B	107146
880-56607-80	CS-80 (4.5')	Total/NA	Solid	8021B	107146
MB 880-107146/5-A	Method Blank	Total/NA	Solid	8021B	107146
LCS 880-107146/1-A	Lab Control Sample	Total/NA	Solid	8021B	107146
LCSD 880-107146/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107146
880-56607-61 MS	CS-61 (4.5')	Total/NA	Solid	8021B	107146
880-56607-61 MSD	CS-61 (4.5')	Total/NA	Solid	8021B	107146

Analysis Batch: 107199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-81	CS-81 (4.5')	Total/NA	Solid	8021B	107151
880-56607-82	CS-82 (4.5')	Total/NA	Solid	8021B	107151
880-56607-83	CS-83 (4.5')	Total/NA	Solid	8021B	107151
880-56607-84	CS-84 (4.5')	Total/NA	Solid	8021B	107151
880-56607-85	CS-85 (4.5')	Total/NA	Solid	8021B	107151
880-56607-86	CS-86 (4.5')	Total/NA	Solid	8021B	107151
880-56607-87	CS-87 (4.5')	Total/NA	Solid	8021B	107151
880-56607-88	CS-88 (4.5')	Total/NA	Solid	8021B	107151
880-56607-89	CS-89 (4.5')	Total/NA	Solid	8021B	107151
880-56607-90	CS-90 (4.5')	Total/NA	Solid	8021B	107151
880-56607-91	CS-91 (4.5')	Total/NA	Solid	8021B	107151
880-56607-92	CS-92 (4.5')	Total/NA	Solid	8021B	107151
880-56607-93	CS-93 (4.5')	Total/NA	Solid	8021B	107151
880-56607-94	CS-94 (4.5')	Total/NA	Solid	8021B	107151
880-56607-95	CS-95 (4.5')	Total/NA	Solid	8021B	107151
880-56607-96	CS-96 (4.5')	Total/NA	Solid	8021B	107151
880-56607-97	CS-97 (4.5')	Total/NA	Solid	8021B	107151
880-56607-98	CS-98 (4.5')	Total/NA	Solid	8021B	107151
880-56607-99	CS-99 (4.5')	Total/NA	Solid	8021B	107151
880-56607-100	CS-101 (4.5')	Total/NA	Solid	8021B	107151
MB 880-107151/5-A	Method Blank	Total/NA	Solid	8021B	107151
LCS 880-107151/1-A	Lab Control Sample	Total/NA	Solid	8021B	107151
LCSD 880-107151/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107151
880-56607-81 MS	CS-81 (4.5')	Total/NA	Solid	8021B	107151
880-56607-81 MSD	CS-81 (4.5')	Total/NA	Solid	8021B	107151

Analysis Batch: 107200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-101	CS-102 (4.5')	Total/NA	Solid	8021B	107157
880-56607-102	CS-103 (4.5')	Total/NA	Solid	8021B	107157
880-56607-103	CS-104 (4.5')	Total/NA	Solid	8021B	107157
880-56607-104	CS-105 (4.5')	Total/NA	Solid	8021B	107157
880-56607-105	CS-106 (4.5')	Total/NA	Solid	8021B	107157
880-56607-106	CS-107 (4.5')	Total/NA	Solid	8021B	107157
880-56607-107	CS-108 (4.5')	Total/NA	Solid	8021B	107157
880-56607-108	CS-109 (4.5')	Total/NA	Solid	8021B	107157

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 107200 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-109	CS-110 (4.5')	Total/NA	Solid	8021B	107157
880-56607-110	CS-111 (4.5')	Total/NA	Solid	8021B	107157
880-56607-111	CS-112 (4.5')	Total/NA	Solid	8021B	107157
880-56607-112	CS-113 (4.5')	Total/NA	Solid	8021B	107157
880-56607-113	CS-114 (4.5')	Total/NA	Solid	8021B	107157
880-56607-114	CS-115 (4.5')	Total/NA	Solid	8021B	107157
880-56607-115	CS-116 (4.5')	Total/NA	Solid	8021B	107157
880-56607-116	CS-117 (4.5')	Total/NA	Solid	8021B	107157
880-56607-117	CS-118 (4.5')	Total/NA	Solid	8021B	107157
880-56607-118	CS-119 (4.5')	Total/NA	Solid	8021B	107157
880-56607-119	CS-11 (4.5')	Total/NA	Solid	8021B	107157
880-56607-120	SW-1 (2.5')	Total/NA	Solid	8021B	107157
MB 880-107157/5-A	Method Blank	Total/NA	Solid	8021B	107157
LCS 880-107157/1-A	Lab Control Sample	Total/NA	Solid	8021B	107157
LCSD 880-107157/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107157
880-56607-101 MS	CS-102 (4.5')	Total/NA	Solid	8021B	107157
880-56607-101 MSD	CS-102 (4.5')	Total/NA	Solid	8021B	107157

Analysis Batch: 107255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-1	CS-1 (2.5')	Total/NA	Solid	Total BTEX	
880-56607-2	CS-2 (2.5')	Total/NA	Solid	Total BTEX	
880-56607-3	CS-3 (2.5')	Total/NA	Solid	Total BTEX	
880-56607-4	CS-4 (2.5')	Total/NA	Solid	Total BTEX	
880-56607-5	CS-5 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-6	CS-6 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-7	CS-7 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-8	CS-8 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-9	CS-9 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-10	CS-10 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-11	CS-11 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-12	CS-12 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-13	CS-13 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-14	CS-14 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-15	CS-15 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-16	CS-16 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-17	CS-17 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-18	CS-18 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-19	CS-19 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-20	CS-20 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-21	CS-21 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-22	CS-22 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-23	CS-23 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-24	CS-24 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-25	CS-25 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-26	CS-26 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-27	CS-27 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-28	CS-28 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-29	CS-29 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-30	CS-30 (3.5')	Total/NA	Solid	Total BTEX	
880-56607-31	CS-31 (3.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 107255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-32	CS-32 (3.5')	Total/NA	Solid	Total BTEX	
880-56607-33	CS-33 (3.5')	Total/NA	Solid	Total BTEX	
880-56607-34	CS-34 (3.5')	Total/NA	Solid	Total BTEX	
880-56607-35	CS-35 (3.5')	Total/NA	Solid	Total BTEX	
880-56607-36	CS-36 (3.5')	Total/NA	Solid	Total BTEX	
880-56607-37	CS-37 (3.5')	Total/NA	Solid	Total BTEX	
880-56607-38	CS-38 (3.5')	Total/NA	Solid	Total BTEX	
880-56607-39	CS-39 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-40	CS-40 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-41	CS-41 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-42	CS-42 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-43	CS-43 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-44	CS-44 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-45	CS-45 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-46	CS-46 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-47	CS-47 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-48	CS-48 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-49	CS-49 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-50	CS-50 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-51	CS-51 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-52	CS-52 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-53	CS-53 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-54	CS-54 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-55	CS-55 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-56	CS-56 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-57	CS-57 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-58	CS-58 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-59	CS-59 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-60	CS-60 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-61	CS-61 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-62	CS-62 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-63	CS-63 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-64	CS-64 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-65	CS-65 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-66	CS-66 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-67	CS-67 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-68	CS-68 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-69	CS-69 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-70	CS-70 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-71	CS-71 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-72	CS-72 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-73	CS-73 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-74	CS-74 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-75	CS-75 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-76	CS-76 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-77	CS-77 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-78	CS-78 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-79	CS-79 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-80	CS-80 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-81	CS-81 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-82	CS-82 (4.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 107255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-83	CS-83 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-84	CS-84 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-85	CS-85 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-86	CS-86 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-87	CS-87 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-88	CS-88 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-89	CS-89 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-90	CS-90 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-91	CS-91 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-92	CS-92 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-93	CS-93 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-94	CS-94 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-95	CS-95 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-96	CS-96 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-97	CS-97 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-98	CS-98 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-99	CS-99 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-100	CS-101 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-101	CS-102 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-102	CS-103 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-103	CS-104 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-104	CS-105 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-105	CS-106 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-106	CS-107 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-107	CS-108 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-108	CS-109 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-109	CS-110 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-110	CS-111 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-111	CS-112 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-112	CS-113 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-113	CS-114 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-114	CS-115 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-115	CS-116 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-116	CS-117 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-117	CS-118 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-118	CS-119 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-119	CS-11 (4.5')	Total/NA	Solid	Total BTEX	
880-56607-120	SW-1 (2.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 107128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-1	CS-1 (2.5')	Total/NA	Solid	8015NM Prep	
880-56607-2	CS-2 (2.5')	Total/NA	Solid	8015NM Prep	
880-56607-3	CS-3 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-107128/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107128/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107128/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56605-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-56605-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 107129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-4	CS-4 (2.5')	Total/NA	Solid	8015NM Prep	
880-56607-5	CS-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-6	CS-6 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-7	CS-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-8	CS-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-9	CS-9 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-10	CS-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-11	CS-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-12	CS-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-13	CS-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-14	CS-14 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-15	CS-15 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-16	CS-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-17	CS-17 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-18	CS-18 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-19	CS-19 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-20	CS-20 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-21	CS-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-22	CS-22 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-23	CS-23 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107129/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107129/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107129/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56607-4 MS	CS-4 (2.5')	Total/NA	Solid	8015NM Prep	
880-56607-4 MSD	CS-4 (2.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 107134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-24	CS-24 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-25	CS-25 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-26	CS-26 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-27	CS-27 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-28	CS-28 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-29	CS-29 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-30	CS-30 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-31	CS-31 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-32	CS-32 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-33	CS-33 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-34	CS-34 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-35	CS-35 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-36	CS-36 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-37	CS-37 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-38	CS-38 (3.5')	Total/NA	Solid	8015NM Prep	
880-56607-39	CS-39 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-40	CS-40 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-41	CS-41 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-42	CS-42 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-43	CS-43 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107134/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107134/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107134/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 107134 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-24 MS	CS-24 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-24 MSD	CS-24 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-24	CS-24 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-25	CS-25 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-26	CS-26 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-27	CS-27 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-28	CS-28 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-29	CS-29 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-30	CS-30 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-31	CS-31 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-32	CS-32 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-33	CS-33 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-34	CS-34 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-35	CS-35 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-36	CS-36 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-37	CS-37 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-38	CS-38 (3.5')	Total/NA	Solid	8015B NM	107134
880-56607-39	CS-39 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-40	CS-40 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-41	CS-41 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-42	CS-42 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-43	CS-43 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-64	CS-64 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-65	CS-65 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-66	CS-66 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-67	CS-67 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-68	CS-68 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-69	CS-69 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-70	CS-70 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-71	CS-71 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-72	CS-72 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-73	CS-73 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-74	CS-74 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-75	CS-75 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-76	CS-76 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-77	CS-77 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-78	CS-78 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-79	CS-79 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-80	CS-80 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-81	CS-81 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-82	CS-82 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-83	CS-83 (4.5')	Total/NA	Solid	8015B NM	107225
MB 880-107134/1-A	Method Blank	Total/NA	Solid	8015B NM	107134
MB 880-107225/1-A	Method Blank	Total/NA	Solid	8015B NM	107225
LCS 880-107134/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107134
LCS 880-107225/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107225
LCSD 880-107134/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107134
LCSD 880-107225/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107225

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-24 MS	CS-24 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-24 MSD	CS-24 (4.5')	Total/NA	Solid	8015B NM	107134
880-56607-64 MS	CS-64 (4.5')	Total/NA	Solid	8015B NM	107225
880-56607-64 MSD	CS-64 (4.5')	Total/NA	Solid	8015B NM	107225

Analysis Batch: 107212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-44	CS-44 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-45	CS-45 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-46	CS-46 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-47	CS-47 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-48	CS-48 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-49	CS-49 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-50	CS-50 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-51	CS-51 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-52	CS-52 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-53	CS-53 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-54	CS-54 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-55	CS-55 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-56	CS-56 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-57	CS-57 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-58	CS-58 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-59	CS-59 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-60	CS-60 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-61	CS-61 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-62	CS-62 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-63	CS-63 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-84	CS-84 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-85	CS-85 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-86	CS-86 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-87	CS-87 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-88	CS-88 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-89	CS-89 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-90	CS-90 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-91	CS-91 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-92	CS-92 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-93	CS-93 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-94	CS-94 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-95	CS-95 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-96	CS-96 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-97	CS-97 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-98	CS-98 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-99	CS-99 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-100	CS-101 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-101	CS-102 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-102	CS-103 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-103	CS-104 (4.5')	Total/NA	Solid	8015B NM	107226
MB 880-107224/1-A	Method Blank	Total/NA	Solid	8015B NM	107224
MB 880-107226/1-A	Method Blank	Total/NA	Solid	8015B NM	107226
LCS 880-107224/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107224
LCS 880-107226/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107226

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-107224/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107224
LCSD 880-107226/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107226
880-56607-44 MS	CS-44 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-44 MSD	CS-44 (4.5')	Total/NA	Solid	8015B NM	107224
880-56607-84 MS	CS-84 (4.5')	Total/NA	Solid	8015B NM	107226
880-56607-84 MSD	CS-84 (4.5')	Total/NA	Solid	8015B NM	107226

Analysis Batch: 107220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-1	CS-1 (2.5')	Total/NA	Solid	8015B NM	107128
880-56607-2	CS-2 (2.5')	Total/NA	Solid	8015B NM	107128
880-56607-3	CS-3 (2.5')	Total/NA	Solid	8015B NM	107128
MB 880-107128/1-A	Method Blank	Total/NA	Solid	8015B NM	107128
LCS 880-107128/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107128
LCSD 880-107128/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107128
880-56605-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	107128
880-56605-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	107128

Analysis Batch: 107222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-4	CS-4 (2.5')	Total/NA	Solid	8015B NM	107129
880-56607-5	CS-5 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-6	CS-6 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-7	CS-7 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-8	CS-8 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-9	CS-9 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-10	CS-10 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-11	CS-11 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-12	CS-12 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-13	CS-13 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-14	CS-14 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-15	CS-15 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-16	CS-16 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-17	CS-17 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-18	CS-18 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-19	CS-19 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-20	CS-20 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-21	CS-21 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-22	CS-22 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-23	CS-23 (4.5')	Total/NA	Solid	8015B NM	107129
880-56607-104	CS-105 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-105	CS-106 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-106	CS-107 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-107	CS-108 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-108	CS-109 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-109	CS-110 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-110	CS-111 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-111	CS-112 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-112	CS-113 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-113	CS-114 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-114	CS-115 (4.5')	Total/NA	Solid	8015B NM	107235

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-115	CS-116 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-116	CS-117 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-117	CS-118 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-118	CS-119 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-119	CS-11 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-120	SW-1 (2.5')	Total/NA	Solid	8015B NM	107235
MB 880-107129/1-A	Method Blank	Total/NA	Solid	8015B NM	107129
MB 880-107235/1-A	Method Blank	Total/NA	Solid	8015B NM	107235
LCS 880-107129/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107129
LCS 880-107235/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107235
LCSD 880-107129/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107129
LCSD 880-107235/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107235
880-56607-4 MS	CS-4 (2.5')	Total/NA	Solid	8015B NM	107129
880-56607-4 MSD	CS-4 (2.5')	Total/NA	Solid	8015B NM	107129
880-56607-104 MS	CS-105 (4.5')	Total/NA	Solid	8015B NM	107235
880-56607-104 MSD	CS-105 (4.5')	Total/NA	Solid	8015B NM	107235

Prep Batch: 107224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-44	CS-44 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-45	CS-45 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-46	CS-46 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-47	CS-47 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-48	CS-48 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-49	CS-49 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-50	CS-50 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-51	CS-51 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-52	CS-52 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-53	CS-53 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-54	CS-54 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-55	CS-55 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-56	CS-56 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-57	CS-57 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-58	CS-58 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-59	CS-59 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-60	CS-60 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-61	CS-61 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-62	CS-62 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-63	CS-63 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107224/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107224/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107224/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56607-44 MS	CS-44 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-44 MSD	CS-44 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 107225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-64	CS-64 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-65	CS-65 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-66	CS-66 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-67	CS-67 (4.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 107225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-68	CS-68 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-69	CS-69 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-70	CS-70 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-71	CS-71 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-72	CS-72 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-73	CS-73 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-74	CS-74 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-75	CS-75 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-76	CS-76 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-77	CS-77 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-78	CS-78 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-79	CS-79 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-80	CS-80 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-81	CS-81 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-82	CS-82 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-83	CS-83 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107225/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107225/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107225/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56607-64 MS	CS-64 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-64 MSD	CS-64 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 107226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-84	CS-84 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-85	CS-85 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-86	CS-86 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-87	CS-87 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-88	CS-88 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-89	CS-89 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-90	CS-90 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-91	CS-91 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-92	CS-92 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-93	CS-93 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-94	CS-94 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-95	CS-95 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-96	CS-96 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-97	CS-97 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-98	CS-98 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-99	CS-99 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-100	CS-101 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-101	CS-102 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-102	CS-103 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-103	CS-104 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107226/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107226/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107226/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56607-84 MS	CS-84 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-84 MSD	CS-84 (4.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 107235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-104	CS-105 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-105	CS-106 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-106	CS-107 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-107	CS-108 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-108	CS-109 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-109	CS-110 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-110	CS-111 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-111	CS-112 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-112	CS-113 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-113	CS-114 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-114	CS-115 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-115	CS-116 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-116	CS-117 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-117	CS-118 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-118	CS-119 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-119	CS-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-120	SW-1 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-107235/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107235/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107235/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56607-104 MS	CS-105 (4.5')	Total/NA	Solid	8015NM Prep	
880-56607-104 MSD	CS-105 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-1	CS-1 (2.5')	Total/NA	Solid	8015 NM	
880-56607-2	CS-2 (2.5')	Total/NA	Solid	8015 NM	
880-56607-3	CS-3 (2.5')	Total/NA	Solid	8015 NM	
880-56607-4	CS-4 (2.5')	Total/NA	Solid	8015 NM	
880-56607-5	CS-5 (4.5')	Total/NA	Solid	8015 NM	
880-56607-6	CS-6 (4.5')	Total/NA	Solid	8015 NM	
880-56607-7	CS-7 (4.5')	Total/NA	Solid	8015 NM	
880-56607-8	CS-8 (4.5')	Total/NA	Solid	8015 NM	
880-56607-9	CS-9 (4.5')	Total/NA	Solid	8015 NM	
880-56607-10	CS-10 (4.5')	Total/NA	Solid	8015 NM	
880-56607-11	CS-11 (4.5')	Total/NA	Solid	8015 NM	
880-56607-12	CS-12 (4.5')	Total/NA	Solid	8015 NM	
880-56607-13	CS-13 (4.5')	Total/NA	Solid	8015 NM	
880-56607-14	CS-14 (4.5')	Total/NA	Solid	8015 NM	
880-56607-15	CS-15 (4.5')	Total/NA	Solid	8015 NM	
880-56607-16	CS-16 (4.5')	Total/NA	Solid	8015 NM	
880-56607-17	CS-17 (4.5')	Total/NA	Solid	8015 NM	
880-56607-18	CS-18 (4.5')	Total/NA	Solid	8015 NM	
880-56607-19	CS-19 (4.5')	Total/NA	Solid	8015 NM	
880-56607-20	CS-20 (4.5')	Total/NA	Solid	8015 NM	
880-56607-21	CS-21 (4.5')	Total/NA	Solid	8015 NM	
880-56607-22	CS-22 (4.5')	Total/NA	Solid	8015 NM	
880-56607-23	CS-23 (4.5')	Total/NA	Solid	8015 NM	
880-56607-24	CS-24 (4.5')	Total/NA	Solid	8015 NM	
880-56607-25	CS-25 (4.5')	Total/NA	Solid	8015 NM	
880-56607-26	CS-26 (4.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107335 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-27	CS-27 (4.5')	Total/NA	Solid	8015 NM	
880-56607-28	CS-28 (4.5')	Total/NA	Solid	8015 NM	
880-56607-29	CS-29 (4.5')	Total/NA	Solid	8015 NM	
880-56607-30	CS-30 (3.5')	Total/NA	Solid	8015 NM	
880-56607-31	CS-31 (3.5')	Total/NA	Solid	8015 NM	
880-56607-32	CS-32 (3.5')	Total/NA	Solid	8015 NM	
880-56607-33	CS-33 (3.5')	Total/NA	Solid	8015 NM	
880-56607-34	CS-34 (3.5')	Total/NA	Solid	8015 NM	
880-56607-35	CS-35 (3.5')	Total/NA	Solid	8015 NM	
880-56607-36	CS-36 (3.5')	Total/NA	Solid	8015 NM	
880-56607-37	CS-37 (3.5')	Total/NA	Solid	8015 NM	
880-56607-38	CS-38 (3.5')	Total/NA	Solid	8015 NM	
880-56607-39	CS-39 (4.5')	Total/NA	Solid	8015 NM	
880-56607-40	CS-40 (4.5')	Total/NA	Solid	8015 NM	
880-56607-41	CS-41 (4.5')	Total/NA	Solid	8015 NM	
880-56607-42	CS-42 (4.5')	Total/NA	Solid	8015 NM	
880-56607-43	CS-43 (4.5')	Total/NA	Solid	8015 NM	
880-56607-44	CS-44 (4.5')	Total/NA	Solid	8015 NM	
880-56607-45	CS-45 (4.5')	Total/NA	Solid	8015 NM	
880-56607-46	CS-46 (4.5')	Total/NA	Solid	8015 NM	
880-56607-47	CS-47 (4.5')	Total/NA	Solid	8015 NM	
880-56607-48	CS-48 (4.5')	Total/NA	Solid	8015 NM	
880-56607-49	CS-49 (4.5')	Total/NA	Solid	8015 NM	
880-56607-50	CS-50 (4.5')	Total/NA	Solid	8015 NM	
880-56607-51	CS-51 (4.5')	Total/NA	Solid	8015 NM	
880-56607-52	CS-52 (4.5')	Total/NA	Solid	8015 NM	
880-56607-53	CS-53 (4.5')	Total/NA	Solid	8015 NM	
880-56607-54	CS-54 (4.5')	Total/NA	Solid	8015 NM	
880-56607-55	CS-55 (4.5')	Total/NA	Solid	8015 NM	
880-56607-56	CS-56 (4.5')	Total/NA	Solid	8015 NM	
880-56607-57	CS-57 (4.5')	Total/NA	Solid	8015 NM	
880-56607-58	CS-58 (4.5')	Total/NA	Solid	8015 NM	
880-56607-59	CS-59 (4.5')	Total/NA	Solid	8015 NM	
880-56607-60	CS-60 (4.5')	Total/NA	Solid	8015 NM	
880-56607-61	CS-61 (4.5')	Total/NA	Solid	8015 NM	
880-56607-62	CS-62 (4.5')	Total/NA	Solid	8015 NM	
880-56607-63	CS-63 (4.5')	Total/NA	Solid	8015 NM	
880-56607-64	CS-64 (4.5')	Total/NA	Solid	8015 NM	
880-56607-65	CS-65 (4.5')	Total/NA	Solid	8015 NM	
880-56607-66	CS-66 (4.5')	Total/NA	Solid	8015 NM	
880-56607-67	CS-67 (4.5')	Total/NA	Solid	8015 NM	
880-56607-68	CS-68 (4.5')	Total/NA	Solid	8015 NM	
880-56607-69	CS-69 (4.5')	Total/NA	Solid	8015 NM	
880-56607-70	CS-70 (4.5')	Total/NA	Solid	8015 NM	
880-56607-71	CS-71 (4.5')	Total/NA	Solid	8015 NM	
880-56607-72	CS-72 (4.5')	Total/NA	Solid	8015 NM	
880-56607-73	CS-73 (4.5')	Total/NA	Solid	8015 NM	
880-56607-74	CS-74 (4.5')	Total/NA	Solid	8015 NM	
880-56607-75	CS-75 (4.5')	Total/NA	Solid	8015 NM	
880-56607-76	CS-76 (4.5')	Total/NA	Solid	8015 NM	
880-56607-77	CS-77 (4.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107335 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-78	CS-78 (4.5')	Total/NA	Solid	8015 NM	
880-56607-79	CS-79 (4.5')	Total/NA	Solid	8015 NM	
880-56607-80	CS-80 (4.5')	Total/NA	Solid	8015 NM	
880-56607-81	CS-81 (4.5')	Total/NA	Solid	8015 NM	
880-56607-82	CS-82 (4.5')	Total/NA	Solid	8015 NM	
880-56607-83	CS-83 (4.5')	Total/NA	Solid	8015 NM	
880-56607-84	CS-84 (4.5')	Total/NA	Solid	8015 NM	
880-56607-85	CS-85 (4.5')	Total/NA	Solid	8015 NM	
880-56607-86	CS-86 (4.5')	Total/NA	Solid	8015 NM	
880-56607-87	CS-87 (4.5')	Total/NA	Solid	8015 NM	
880-56607-88	CS-88 (4.5')	Total/NA	Solid	8015 NM	
880-56607-89	CS-89 (4.5')	Total/NA	Solid	8015 NM	
880-56607-90	CS-90 (4.5')	Total/NA	Solid	8015 NM	
880-56607-91	CS-91 (4.5')	Total/NA	Solid	8015 NM	
880-56607-92	CS-92 (4.5')	Total/NA	Solid	8015 NM	
880-56607-93	CS-93 (4.5')	Total/NA	Solid	8015 NM	
880-56607-94	CS-94 (4.5')	Total/NA	Solid	8015 NM	
880-56607-95	CS-95 (4.5')	Total/NA	Solid	8015 NM	
880-56607-96	CS-96 (4.5')	Total/NA	Solid	8015 NM	
880-56607-97	CS-97 (4.5')	Total/NA	Solid	8015 NM	
880-56607-98	CS-98 (4.5')	Total/NA	Solid	8015 NM	
880-56607-99	CS-99 (4.5')	Total/NA	Solid	8015 NM	
880-56607-100	CS-101 (4.5')	Total/NA	Solid	8015 NM	
880-56607-101	CS-102 (4.5')	Total/NA	Solid	8015 NM	
880-56607-102	CS-103 (4.5')	Total/NA	Solid	8015 NM	
880-56607-103	CS-104 (4.5')	Total/NA	Solid	8015 NM	
880-56607-104	CS-105 (4.5')	Total/NA	Solid	8015 NM	
880-56607-105	CS-106 (4.5')	Total/NA	Solid	8015 NM	
880-56607-106	CS-107 (4.5')	Total/NA	Solid	8015 NM	
880-56607-107	CS-108 (4.5')	Total/NA	Solid	8015 NM	
880-56607-108	CS-109 (4.5')	Total/NA	Solid	8015 NM	
880-56607-109	CS-110 (4.5')	Total/NA	Solid	8015 NM	
880-56607-110	CS-111 (4.5')	Total/NA	Solid	8015 NM	
880-56607-111	CS-112 (4.5')	Total/NA	Solid	8015 NM	
880-56607-112	CS-113 (4.5')	Total/NA	Solid	8015 NM	
880-56607-113	CS-114 (4.5')	Total/NA	Solid	8015 NM	
880-56607-114	CS-115 (4.5')	Total/NA	Solid	8015 NM	
880-56607-115	CS-116 (4.5')	Total/NA	Solid	8015 NM	
880-56607-116	CS-117 (4.5')	Total/NA	Solid	8015 NM	
880-56607-117	CS-118 (4.5')	Total/NA	Solid	8015 NM	
880-56607-118	CS-119 (4.5')	Total/NA	Solid	8015 NM	
880-56607-119	CS-11 (4.5')	Total/NA	Solid	8015 NM	
880-56607-120	SW-1 (2.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 107130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-1	CS-1 (2.5')	Soluble	Solid	DI Leach	
880-56607-2	CS-2 (2.5')	Soluble	Solid	DI Leach	
880-56607-3	CS-3 (2.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 107130 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-4	CS-4 (2.5')	Soluble	Solid	DI Leach	
880-56607-5	CS-5 (4.5')	Soluble	Solid	DI Leach	
880-56607-6	CS-6 (4.5')	Soluble	Solid	DI Leach	
880-56607-7	CS-7 (4.5')	Soluble	Solid	DI Leach	
880-56607-8	CS-8 (4.5')	Soluble	Solid	DI Leach	
880-56607-9	CS-9 (4.5')	Soluble	Solid	DI Leach	
880-56607-10	CS-10 (4.5')	Soluble	Solid	DI Leach	
880-56607-11	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-56607-12	CS-12 (4.5')	Soluble	Solid	DI Leach	
880-56607-13	CS-13 (4.5')	Soluble	Solid	DI Leach	
880-56607-14	CS-14 (4.5')	Soluble	Solid	DI Leach	
880-56607-15	CS-15 (4.5')	Soluble	Solid	DI Leach	
880-56607-16	CS-16 (4.5')	Soluble	Solid	DI Leach	
880-56607-17	CS-17 (4.5')	Soluble	Solid	DI Leach	
880-56607-18	CS-18 (4.5')	Soluble	Solid	DI Leach	
880-56607-19	CS-19 (4.5')	Soluble	Solid	DI Leach	
880-56607-20	CS-20 (4.5')	Soluble	Solid	DI Leach	
MB 880-107130/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107130/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107130/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56607-1 MS	CS-1 (2.5')	Soluble	Solid	DI Leach	
880-56607-1 MSD	CS-1 (2.5')	Soluble	Solid	DI Leach	
880-56607-11 MS	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-56607-11 MSD	CS-11 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 107131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-21	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-56607-22	CS-22 (4.5')	Soluble	Solid	DI Leach	
880-56607-23	CS-23 (4.5')	Soluble	Solid	DI Leach	
880-56607-24	CS-24 (4.5')	Soluble	Solid	DI Leach	
880-56607-25	CS-25 (4.5')	Soluble	Solid	DI Leach	
880-56607-26	CS-26 (4.5')	Soluble	Solid	DI Leach	
880-56607-27	CS-27 (4.5')	Soluble	Solid	DI Leach	
880-56607-28	CS-28 (4.5')	Soluble	Solid	DI Leach	
880-56607-29	CS-29 (4.5')	Soluble	Solid	DI Leach	
880-56607-30	CS-30 (3.5')	Soluble	Solid	DI Leach	
880-56607-31	CS-31 (3.5')	Soluble	Solid	DI Leach	
880-56607-32	CS-32 (3.5')	Soluble	Solid	DI Leach	
880-56607-33	CS-33 (3.5')	Soluble	Solid	DI Leach	
880-56607-34	CS-34 (3.5')	Soluble	Solid	DI Leach	
880-56607-35	CS-35 (3.5')	Soluble	Solid	DI Leach	
880-56607-36	CS-36 (3.5')	Soluble	Solid	DI Leach	
880-56607-37	CS-37 (3.5')	Soluble	Solid	DI Leach	
880-56607-38	CS-38 (3.5')	Soluble	Solid	DI Leach	
880-56607-39	CS-39 (4.5')	Soluble	Solid	DI Leach	
880-56607-40	CS-40 (4.5')	Soluble	Solid	DI Leach	
MB 880-107131/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107131/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107131/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56607-21 MS	CS-21 (4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 107131 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-21 MSD	CS-21 (4.5')	Soluble	Solid	DI Leach	
880-56607-31 MS	CS-31 (3.5')	Soluble	Solid	DI Leach	
880-56607-31 MSD	CS-31 (3.5')	Soluble	Solid	DI Leach	

Leach Batch: 107133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-41	CS-41 (4.5')	Soluble	Solid	DI Leach	
880-56607-42	CS-42 (4.5')	Soluble	Solid	DI Leach	
880-56607-43	CS-43 (4.5')	Soluble	Solid	DI Leach	
880-56607-44	CS-44 (4.5')	Soluble	Solid	DI Leach	
880-56607-45	CS-45 (4.5')	Soluble	Solid	DI Leach	
880-56607-46	CS-46 (4.5')	Soluble	Solid	DI Leach	
880-56607-47	CS-47 (4.5')	Soluble	Solid	DI Leach	
880-56607-48	CS-48 (4.5')	Soluble	Solid	DI Leach	
880-56607-49	CS-49 (4.5')	Soluble	Solid	DI Leach	
880-56607-50	CS-50 (4.5')	Soluble	Solid	DI Leach	
880-56607-51	CS-51 (4.5')	Soluble	Solid	DI Leach	
880-56607-52	CS-52 (4.5')	Soluble	Solid	DI Leach	
880-56607-53	CS-53 (4.5')	Soluble	Solid	DI Leach	
880-56607-54	CS-54 (4.5')	Soluble	Solid	DI Leach	
880-56607-55	CS-55 (4.5')	Soluble	Solid	DI Leach	
880-56607-56	CS-56 (4.5')	Soluble	Solid	DI Leach	
880-56607-57	CS-57 (4.5')	Soluble	Solid	DI Leach	
880-56607-58	CS-58 (4.5')	Soluble	Solid	DI Leach	
880-56607-59	CS-59 (4.5')	Soluble	Solid	DI Leach	
880-56607-60	CS-60 (4.5')	Soluble	Solid	DI Leach	
MB 880-107133/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107133/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107133/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56607-41 MS	CS-41 (4.5')	Soluble	Solid	DI Leach	
880-56607-41 MSD	CS-41 (4.5')	Soluble	Solid	DI Leach	
880-56607-51 MS	CS-51 (4.5')	Soluble	Solid	DI Leach	
880-56607-51 MSD	CS-51 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 107135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-21	CS-21 (4.5')	Soluble	Solid	300.0	107131
880-56607-22	CS-22 (4.5')	Soluble	Solid	300.0	107131
880-56607-23	CS-23 (4.5')	Soluble	Solid	300.0	107131
880-56607-24	CS-24 (4.5')	Soluble	Solid	300.0	107131
880-56607-25	CS-25 (4.5')	Soluble	Solid	300.0	107131
880-56607-26	CS-26 (4.5')	Soluble	Solid	300.0	107131
880-56607-27	CS-27 (4.5')	Soluble	Solid	300.0	107131
880-56607-28	CS-28 (4.5')	Soluble	Solid	300.0	107131
880-56607-29	CS-29 (4.5')	Soluble	Solid	300.0	107131
880-56607-30	CS-30 (3.5')	Soluble	Solid	300.0	107131
880-56607-31	CS-31 (3.5')	Soluble	Solid	300.0	107131
880-56607-32	CS-32 (3.5')	Soluble	Solid	300.0	107131
880-56607-33	CS-33 (3.5')	Soluble	Solid	300.0	107131
880-56607-34	CS-34 (3.5')	Soluble	Solid	300.0	107131
880-56607-35	CS-35 (3.5')	Soluble	Solid	300.0	107131

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 107135 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-36	CS-36 (3.5')	Soluble	Solid	300.0	107131
880-56607-37	CS-37 (3.5')	Soluble	Solid	300.0	107131
880-56607-38	CS-38 (3.5')	Soluble	Solid	300.0	107131
880-56607-39	CS-39 (4.5')	Soluble	Solid	300.0	107131
880-56607-40	CS-40 (4.5')	Soluble	Solid	300.0	107131
MB 880-107131/1-A	Method Blank	Soluble	Solid	300.0	107131
LCS 880-107131/2-A	Lab Control Sample	Soluble	Solid	300.0	107131
LCSD 880-107131/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107131
880-56607-21 MS	CS-21 (4.5')	Soluble	Solid	300.0	107131
880-56607-21 MSD	CS-21 (4.5')	Soluble	Solid	300.0	107131
880-56607-31 MS	CS-31 (3.5')	Soluble	Solid	300.0	107131
880-56607-31 MSD	CS-31 (3.5')	Soluble	Solid	300.0	107131

Analysis Batch: 107137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-1	CS-1 (2.5')	Soluble	Solid	300.0	107130
880-56607-2	CS-2 (2.5')	Soluble	Solid	300.0	107130
880-56607-3	CS-3 (2.5')	Soluble	Solid	300.0	107130
880-56607-4	CS-4 (2.5')	Soluble	Solid	300.0	107130
880-56607-5	CS-5 (4.5')	Soluble	Solid	300.0	107130
880-56607-6	CS-6 (4.5')	Soluble	Solid	300.0	107130
880-56607-7	CS-7 (4.5')	Soluble	Solid	300.0	107130
880-56607-8	CS-8 (4.5')	Soluble	Solid	300.0	107130
880-56607-9	CS-9 (4.5')	Soluble	Solid	300.0	107130
880-56607-10	CS-10 (4.5')	Soluble	Solid	300.0	107130
880-56607-11	CS-11 (4.5')	Soluble	Solid	300.0	107130
880-56607-12	CS-12 (4.5')	Soluble	Solid	300.0	107130
880-56607-13	CS-13 (4.5')	Soluble	Solid	300.0	107130
880-56607-14	CS-14 (4.5')	Soluble	Solid	300.0	107130
880-56607-15	CS-15 (4.5')	Soluble	Solid	300.0	107130
880-56607-16	CS-16 (4.5')	Soluble	Solid	300.0	107130
880-56607-17	CS-17 (4.5')	Soluble	Solid	300.0	107130
880-56607-18	CS-18 (4.5')	Soluble	Solid	300.0	107130
880-56607-19	CS-19 (4.5')	Soluble	Solid	300.0	107130
880-56607-20	CS-20 (4.5')	Soluble	Solid	300.0	107130
MB 880-107130/1-A	Method Blank	Soluble	Solid	300.0	107130
LCS 880-107130/2-A	Lab Control Sample	Soluble	Solid	300.0	107130
LCSD 880-107130/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107130
880-56607-1 MS	CS-1 (2.5')	Soluble	Solid	300.0	107130
880-56607-1 MSD	CS-1 (2.5')	Soluble	Solid	300.0	107130
880-56607-11 MS	CS-11 (4.5')	Soluble	Solid	300.0	107130
880-56607-11 MSD	CS-11 (4.5')	Soluble	Solid	300.0	107130

Analysis Batch: 107138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-41	CS-41 (4.5')	Soluble	Solid	300.0	107133
880-56607-42	CS-42 (4.5')	Soluble	Solid	300.0	107133
880-56607-43	CS-43 (4.5')	Soluble	Solid	300.0	107133
880-56607-44	CS-44 (4.5')	Soluble	Solid	300.0	107133
880-56607-45	CS-45 (4.5')	Soluble	Solid	300.0	107133
880-56607-46	CS-46 (4.5')	Soluble	Solid	300.0	107133

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 107138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-47	CS-47 (4.5')	Soluble	Solid	300.0	107133
880-56607-48	CS-48 (4.5')	Soluble	Solid	300.0	107133
880-56607-49	CS-49 (4.5')	Soluble	Solid	300.0	107133
880-56607-50	CS-50 (4.5')	Soluble	Solid	300.0	107133
880-56607-51	CS-51 (4.5')	Soluble	Solid	300.0	107133
880-56607-52	CS-52 (4.5')	Soluble	Solid	300.0	107133
880-56607-53	CS-53 (4.5')	Soluble	Solid	300.0	107133
880-56607-54	CS-54 (4.5')	Soluble	Solid	300.0	107133
880-56607-55	CS-55 (4.5')	Soluble	Solid	300.0	107133
880-56607-56	CS-56 (4.5')	Soluble	Solid	300.0	107133
880-56607-57	CS-57 (4.5')	Soluble	Solid	300.0	107133
880-56607-58	CS-58 (4.5')	Soluble	Solid	300.0	107133
880-56607-59	CS-59 (4.5')	Soluble	Solid	300.0	107133
880-56607-60	CS-60 (4.5')	Soluble	Solid	300.0	107133
MB 880-107133/1-A	Method Blank	Soluble	Solid	300.0	107133
LCS 880-107133/2-A	Lab Control Sample	Soluble	Solid	300.0	107133
LCSD 880-107133/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107133
880-56607-41 MS	CS-41 (4.5')	Soluble	Solid	300.0	107133
880-56607-41 MSD	CS-41 (4.5')	Soluble	Solid	300.0	107133
880-56607-51 MS	CS-51 (4.5')	Soluble	Solid	300.0	107133
880-56607-51 MSD	CS-51 (4.5')	Soluble	Solid	300.0	107133

Leach Batch: 107139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-61	CS-61 (4.5')	Soluble	Solid	DI Leach	
880-56607-62	CS-62 (4.5')	Soluble	Solid	DI Leach	
880-56607-63	CS-63 (4.5')	Soluble	Solid	DI Leach	
880-56607-64	CS-64 (4.5')	Soluble	Solid	DI Leach	
880-56607-65	CS-65 (4.5')	Soluble	Solid	DI Leach	
880-56607-66	CS-66 (4.5')	Soluble	Solid	DI Leach	
880-56607-67	CS-67 (4.5')	Soluble	Solid	DI Leach	
880-56607-68	CS-68 (4.5')	Soluble	Solid	DI Leach	
880-56607-69	CS-69 (4.5')	Soluble	Solid	DI Leach	
880-56607-70	CS-70 (4.5')	Soluble	Solid	DI Leach	
880-56607-71	CS-71 (4.5')	Soluble	Solid	DI Leach	
880-56607-72	CS-72 (4.5')	Soluble	Solid	DI Leach	
880-56607-73	CS-73 (4.5')	Soluble	Solid	DI Leach	
880-56607-74	CS-74 (4.5')	Soluble	Solid	DI Leach	
880-56607-75	CS-75 (4.5')	Soluble	Solid	DI Leach	
880-56607-76	CS-76 (4.5')	Soluble	Solid	DI Leach	
880-56607-77	CS-77 (4.5')	Soluble	Solid	DI Leach	
880-56607-78	CS-78 (4.5')	Soluble	Solid	DI Leach	
880-56607-79	CS-79 (4.5')	Soluble	Solid	DI Leach	
880-56607-80	CS-80 (4.5')	Soluble	Solid	DI Leach	
MB 880-107139/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107139/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107139/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56607-61 MS	CS-61 (4.5')	Soluble	Solid	DI Leach	
880-56607-61 MSD	CS-61 (4.5')	Soluble	Solid	DI Leach	
880-56607-71 MS	CS-71 (4.5')	Soluble	Solid	DI Leach	
880-56607-71 MSD	CS-71 (4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 107147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-61	CS-61 (4.5')	Soluble	Solid	300.0	107139
880-56607-62	CS-62 (4.5')	Soluble	Solid	300.0	107139
880-56607-63	CS-63 (4.5')	Soluble	Solid	300.0	107139
880-56607-64	CS-64 (4.5')	Soluble	Solid	300.0	107139
880-56607-65	CS-65 (4.5')	Soluble	Solid	300.0	107139
880-56607-66	CS-66 (4.5')	Soluble	Solid	300.0	107139
880-56607-67	CS-67 (4.5')	Soluble	Solid	300.0	107139
880-56607-68	CS-68 (4.5')	Soluble	Solid	300.0	107139
880-56607-69	CS-69 (4.5')	Soluble	Solid	300.0	107139
880-56607-70	CS-70 (4.5')	Soluble	Solid	300.0	107139
880-56607-71	CS-71 (4.5')	Soluble	Solid	300.0	107139
880-56607-72	CS-72 (4.5')	Soluble	Solid	300.0	107139
880-56607-73	CS-73 (4.5')	Soluble	Solid	300.0	107139
880-56607-74	CS-74 (4.5')	Soluble	Solid	300.0	107139
880-56607-75	CS-75 (4.5')	Soluble	Solid	300.0	107139
880-56607-76	CS-76 (4.5')	Soluble	Solid	300.0	107139
880-56607-77	CS-77 (4.5')	Soluble	Solid	300.0	107139
880-56607-78	CS-78 (4.5')	Soluble	Solid	300.0	107139
880-56607-79	CS-79 (4.5')	Soluble	Solid	300.0	107139
880-56607-80	CS-80 (4.5')	Soluble	Solid	300.0	107139
MB 880-107139/1-A	Method Blank	Soluble	Solid	300.0	107139
LCS 880-107139/2-A	Lab Control Sample	Soluble	Solid	300.0	107139
LCSD 880-107139/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107139
880-56607-61 MS	CS-61 (4.5')	Soluble	Solid	300.0	107139
880-56607-61 MSD	CS-61 (4.5')	Soluble	Solid	300.0	107139
880-56607-71 MS	CS-71 (4.5')	Soluble	Solid	300.0	107139
880-56607-71 MSD	CS-71 (4.5')	Soluble	Solid	300.0	107139

Leach Batch: 107150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-81	CS-81 (4.5')	Soluble	Solid	DI Leach	
880-56607-82	CS-82 (4.5')	Soluble	Solid	DI Leach	
880-56607-83	CS-83 (4.5')	Soluble	Solid	DI Leach	
880-56607-84	CS-84 (4.5')	Soluble	Solid	DI Leach	
880-56607-85	CS-85 (4.5')	Soluble	Solid	DI Leach	
880-56607-86	CS-86 (4.5')	Soluble	Solid	DI Leach	
880-56607-87	CS-87 (4.5')	Soluble	Solid	DI Leach	
880-56607-88	CS-88 (4.5')	Soluble	Solid	DI Leach	
880-56607-89	CS-89 (4.5')	Soluble	Solid	DI Leach	
880-56607-90	CS-90 (4.5')	Soluble	Solid	DI Leach	
880-56607-91	CS-91 (4.5')	Soluble	Solid	DI Leach	
880-56607-92	CS-92 (4.5')	Soluble	Solid	DI Leach	
880-56607-93	CS-93 (4.5')	Soluble	Solid	DI Leach	
880-56607-94	CS-94 (4.5')	Soluble	Solid	DI Leach	
880-56607-95	CS-95 (4.5')	Soluble	Solid	DI Leach	
880-56607-96	CS-96 (4.5')	Soluble	Solid	DI Leach	
880-56607-97	CS-97 (4.5')	Soluble	Solid	DI Leach	
880-56607-98	CS-98 (4.5')	Soluble	Solid	DI Leach	
880-56607-99	CS-99 (4.5')	Soluble	Solid	DI Leach	
880-56607-100	CS-101 (4.5')	Soluble	Solid	DI Leach	
MB 880-107150/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 107150 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-107150/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107150/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56607-81 MS	CS-81 (4.5')	Soluble	Solid	DI Leach	
880-56607-81 MSD	CS-81 (4.5')	Soluble	Solid	DI Leach	
880-56607-91 MS	CS-91 (4.5')	Soluble	Solid	DI Leach	
880-56607-91 MSD	CS-91 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 107156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-81	CS-81 (4.5')	Soluble	Solid	300.0	107150
880-56607-82	CS-82 (4.5')	Soluble	Solid	300.0	107150
880-56607-83	CS-83 (4.5')	Soluble	Solid	300.0	107150
880-56607-84	CS-84 (4.5')	Soluble	Solid	300.0	107150
880-56607-85	CS-85 (4.5')	Soluble	Solid	300.0	107150
880-56607-86	CS-86 (4.5')	Soluble	Solid	300.0	107150
880-56607-87	CS-87 (4.5')	Soluble	Solid	300.0	107150
880-56607-88	CS-88 (4.5')	Soluble	Solid	300.0	107150
880-56607-89	CS-89 (4.5')	Soluble	Solid	300.0	107150
880-56607-90	CS-90 (4.5')	Soluble	Solid	300.0	107150
880-56607-91	CS-91 (4.5')	Soluble	Solid	300.0	107150
880-56607-92	CS-92 (4.5')	Soluble	Solid	300.0	107150
880-56607-93	CS-93 (4.5')	Soluble	Solid	300.0	107150
880-56607-94	CS-94 (4.5')	Soluble	Solid	300.0	107150
880-56607-95	CS-95 (4.5')	Soluble	Solid	300.0	107150
880-56607-96	CS-96 (4.5')	Soluble	Solid	300.0	107150
880-56607-97	CS-97 (4.5')	Soluble	Solid	300.0	107150
880-56607-98	CS-98 (4.5')	Soluble	Solid	300.0	107150
880-56607-99	CS-99 (4.5')	Soluble	Solid	300.0	107150
880-56607-100	CS-101 (4.5')	Soluble	Solid	300.0	107150
MB 880-107150/1-A	Method Blank	Soluble	Solid	300.0	107150
LCS 880-107150/2-A	Lab Control Sample	Soluble	Solid	300.0	107150
LCSD 880-107150/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107150
880-56607-81 MS	CS-81 (4.5')	Soluble	Solid	300.0	107150
880-56607-81 MSD	CS-81 (4.5')	Soluble	Solid	300.0	107150
880-56607-91 MS	CS-91 (4.5')	Soluble	Solid	300.0	107150
880-56607-91 MSD	CS-91 (4.5')	Soluble	Solid	300.0	107150

Leach Batch: 107158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-101	CS-102 (4.5')	Soluble	Solid	DI Leach	
880-56607-102	CS-103 (4.5')	Soluble	Solid	DI Leach	
880-56607-103	CS-104 (4.5')	Soluble	Solid	DI Leach	
880-56607-104	CS-105 (4.5')	Soluble	Solid	DI Leach	
880-56607-105	CS-106 (4.5')	Soluble	Solid	DI Leach	
880-56607-106	CS-107 (4.5')	Soluble	Solid	DI Leach	
880-56607-107	CS-108 (4.5')	Soluble	Solid	DI Leach	
880-56607-108	CS-109 (4.5')	Soluble	Solid	DI Leach	
880-56607-109	CS-110 (4.5')	Soluble	Solid	DI Leach	
880-56607-110	CS-111 (4.5')	Soluble	Solid	DI Leach	
880-56607-111	CS-112 (4.5')	Soluble	Solid	DI Leach	
880-56607-112	CS-113 (4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 107158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-113	CS-114 (4.5')	Soluble	Solid	DI Leach	
880-56607-114	CS-115 (4.5')	Soluble	Solid	DI Leach	
880-56607-115	CS-116 (4.5')	Soluble	Solid	DI Leach	
880-56607-116	CS-117 (4.5')	Soluble	Solid	DI Leach	
880-56607-117	CS-118 (4.5')	Soluble	Solid	DI Leach	
880-56607-118	CS-119 (4.5')	Soluble	Solid	DI Leach	
880-56607-119	CS-11 (4.5')	Soluble	Solid	DI Leach	
880-56607-120	SW-1 (2.5')	Soluble	Solid	DI Leach	
MB 880-107158/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107158/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107158/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56607-101 MS	CS-102 (4.5')	Soluble	Solid	DI Leach	
880-56607-101 MSD	CS-102 (4.5')	Soluble	Solid	DI Leach	
880-56607-111 MS	CS-112 (4.5')	Soluble	Solid	DI Leach	
880-56607-111 MSD	CS-112 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 107160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56607-101	CS-102 (4.5')	Soluble	Solid	300.0	107158
880-56607-102	CS-103 (4.5')	Soluble	Solid	300.0	107158
880-56607-103	CS-104 (4.5')	Soluble	Solid	300.0	107158
880-56607-104	CS-105 (4.5')	Soluble	Solid	300.0	107158
880-56607-105	CS-106 (4.5')	Soluble	Solid	300.0	107158
880-56607-106	CS-107 (4.5')	Soluble	Solid	300.0	107158
880-56607-107	CS-108 (4.5')	Soluble	Solid	300.0	107158
880-56607-108	CS-109 (4.5')	Soluble	Solid	300.0	107158
880-56607-109	CS-110 (4.5')	Soluble	Solid	300.0	107158
880-56607-110	CS-111 (4.5')	Soluble	Solid	300.0	107158
880-56607-111	CS-112 (4.5')	Soluble	Solid	300.0	107158
880-56607-112	CS-113 (4.5')	Soluble	Solid	300.0	107158
880-56607-113	CS-114 (4.5')	Soluble	Solid	300.0	107158
880-56607-114	CS-115 (4.5')	Soluble	Solid	300.0	107158
880-56607-115	CS-116 (4.5')	Soluble	Solid	300.0	107158
880-56607-116	CS-117 (4.5')	Soluble	Solid	300.0	107158
880-56607-117	CS-118 (4.5')	Soluble	Solid	300.0	107158
880-56607-118	CS-119 (4.5')	Soluble	Solid	300.0	107158
880-56607-119	CS-11 (4.5')	Soluble	Solid	300.0	107158
880-56607-120	SW-1 (2.5')	Soluble	Solid	300.0	107158
MB 880-107158/1-A	Method Blank	Soluble	Solid	300.0	107158
LCS 880-107158/2-A	Lab Control Sample	Soluble	Solid	300.0	107158
LCSD 880-107158/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107158
880-56607-101 MS	CS-102 (4.5')	Soluble	Solid	300.0	107158
880-56607-101 MSD	CS-102 (4.5')	Soluble	Solid	300.0	107158
880-56607-111 MS	CS-112 (4.5')	Soluble	Solid	300.0	107158
880-56607-111 MSD	CS-112 (4.5')	Soluble	Solid	300.0	107158

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (2.5')

Lab Sample ID: 880-56607-1
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 19:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107128	04/08/25 15:33	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107220	04/09/25 14:34	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107137	04/08/25 17:19	CH	EET MID

Client Sample ID: CS-2 (2.5')

Lab Sample ID: 880-56607-2
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 19:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107128	04/08/25 15:33	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107220	04/09/25 14:49	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107137	04/08/25 17:41	CH	EET MID

Client Sample ID: CS-3 (2.5')

Lab Sample ID: 880-56607-3
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 20:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107128	04/08/25 15:33	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107220	04/09/25 15:04	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107137	04/08/25 17:49	CH	EET MID

Client Sample ID: CS-4 (2.5')

Lab Sample ID: 880-56607-4
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:33	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (2.5')

Lab Sample ID: 880-56607-4

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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			107335	04/09/25 09:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 09:42	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107137	04/08/25 17:56	CH	EET MID

Client Sample ID: CS-5 (4.5')

Lab Sample ID: 880-56607-5

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 20:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 10:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 10:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 18:04	CH	EET MID

Client Sample ID: CS-6 (4.5')

Lab Sample ID: 880-56607-6

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 21:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 10:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 10:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 18:26	CH	EET MID

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-56607-7

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 21:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 11:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 11:03	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (4.5')

Lab Sample ID: 880-56607-7
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 18:33	CH	EET MID

Client Sample ID: CS-8 (4.5')

Lab Sample ID: 880-56607-8
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 21:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 11:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 11:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 18:41	CH	EET MID

Client Sample ID: CS-9 (4.5')

Lab Sample ID: 880-56607-9
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 22:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 22:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 11:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 11:33	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 18:48	CH	EET MID

Client Sample ID: CS-10 (4.5')

Lab Sample ID: 880-56607-10
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107092	04/08/25 15:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107073	04/08/25 22:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 22:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 11:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 11:47	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 18:56	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-56607-11
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 19:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 19:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 12:03	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 19:03	CH	EET MID

Client Sample ID: CS-12 (4.5')

Lab Sample ID: 880-56607-12
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 20:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 12:18	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 19:26	CH	EET MID

Client Sample ID: CS-13 (4.5')

Lab Sample ID: 880-56607-13
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 20:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 12:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 19:33	CH	EET MID

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-56607-14
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 20:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:56	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (4.5')

Lab Sample ID: 880-56607-14
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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			107335	04/09/25 12:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 12:48	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 19:55	CH	EET MID

Client Sample ID: CS-15 (4.5')

Lab Sample ID: 880-56607-15
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 21:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 13:04	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 20:03	CH	EET MID

Client Sample ID: CS-16 (4.5')

Lab Sample ID: 880-56607-16
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 21:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 13:19	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 20:10	CH	EET MID

Client Sample ID: CS-17 (4.5')

Lab Sample ID: 880-56607-17
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 21:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 13:34	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (4.5')

Lab Sample ID: 880-56607-17

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 20:18	CH	EET MID

Client Sample ID: CS-18 (4.5')

Lab Sample ID: 880-56607-18

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 22:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 22:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 13:49	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 20:25	CH	EET MID

Client Sample ID: CS-19 (4.5')

Lab Sample ID: 880-56607-19

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 22:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 22:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 14:04	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 20:33	CH	EET MID

Client Sample ID: CS-20 (4.5')

Lab Sample ID: 880-56607-20

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107091	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107076	04/08/25 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 22:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 14:19	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107130	04/08/25 15:47	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107137	04/08/25 20:40	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (4.5')

Lab Sample ID: 880-56607-21
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 19:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 14:34	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 21:40	CH	EET MID

Client Sample ID: CS-22 (4.5')

Lab Sample ID: 880-56607-22
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 19:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 19:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 14:49	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 22:03	CH	EET MID

Client Sample ID: CS-23 (4.5')

Lab Sample ID: 880-56607-23
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107129	04/08/25 15:46	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 15:04	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 22:10	CH	EET MID

Client Sample ID: CS-24 (4.5')

Lab Sample ID: 880-56607-24
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:22	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-24 (4.5')

Lab Sample ID: 880-56607-24
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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			107335	04/09/25 10:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 10:53	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 22:18	CH	EET MID

Client Sample ID: CS-25 (4.5')

Lab Sample ID: 880-56607-25
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 11:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 11:42	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 22:25	CH	EET MID

Client Sample ID: CS-26 (4.5')

Lab Sample ID: 880-56607-26
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 11:58	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 22:47	CH	EET MID

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-56607-27
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 12:15	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-27 (4.5')

Lab Sample ID: 880-56607-27
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 22:55	CH	EET MID

Client Sample ID: CS-28 (4.5')

Lab Sample ID: 880-56607-28
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 21:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 12:32	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 23:02	CH	EET MID

Client Sample ID: CS-29 (4.5')

Lab Sample ID: 880-56607-29
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 22:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 22:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 12:49	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/08/25 23:10	CH	EET MID

Client Sample ID: CS-30 (3.5')

Lab Sample ID: 880-56607-30
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107090	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107078	04/08/25 22:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 22:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 13:06	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/08/25 23:17	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-31 (3.5')

Lab Sample ID: 880-56607-31
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 18:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 13:22	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/08/25 23:25	CH	EET MID

Client Sample ID: CS-32 (3.5')

Lab Sample ID: 880-56607-32
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 19:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 19:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 13:38	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/08/25 23:47	CH	EET MID

Client Sample ID: CS-33 (3.5')

Lab Sample ID: 880-56607-33
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 19:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 19:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 13:56	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/08/25 23:55	CH	EET MID

Client Sample ID: CS-34 (3.5')

Lab Sample ID: 880-56607-34
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 20:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:01	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-34 (3.5')

Lab Sample ID: 880-56607-34
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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			107335	04/09/25 14:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 14:12	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/09/25 00:17	CH	EET MID

Client Sample ID: CS-35 (3.5')

Lab Sample ID: 880-56607-35
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 20:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 14:29	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/09/25 00:24	CH	EET MID

Client Sample ID: CS-36 (3.5')

Lab Sample ID: 880-56607-36
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 20:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 14:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/09/25 00:32	CH	EET MID

Client Sample ID: CS-37 (3.5')

Lab Sample ID: 880-56607-37
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 21:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 15:03	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-37 (3.5')

Lab Sample ID: 880-56607-37
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/09/25 00:39	CH	EET MID

Client Sample ID: CS-38 (3.5')

Lab Sample ID: 880-56607-38
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 21:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 15:20	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107135	04/09/25 00:47	CH	EET MID

Client Sample ID: CS-39 (4.5')

Lab Sample ID: 880-56607-39
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107094	04/08/25 16:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107072	04/08/25 21:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 21:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 15:36	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/09/25 00:54	CH	EET MID

Client Sample ID: CS-40 (4.5')

Lab Sample ID: 880-56607-40
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107087	04/08/25 16:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107080	04/08/25 19:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/08/25 19:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 15:53	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107131	04/08/25 15:51	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107135	04/09/25 01:02	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-41 (4.5')

Lab Sample ID: 880-56607-41

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 11:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 16:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 16:10	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 09:47	CH	EET MID

Client Sample ID: CS-42 (4.5')

Lab Sample ID: 880-56607-42

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 16:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 16:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 10:04	CH	EET MID

Client Sample ID: CS-43 (4.5')

Lab Sample ID: 880-56607-43

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 16:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107134	04/08/25 15:59	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 16:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107138	04/09/25 10:10	CH	EET MID

Client Sample ID: CS-44 (4.5')

Lab Sample ID: 880-56607-44

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:54	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-44 (4.5')

Lab Sample ID: 880-56607-44
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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			107335	04/09/25 10:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 10:53	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 12:27	CH	EET MID

Client Sample ID: CS-45 (4.5')

Lab Sample ID: 880-56607-45
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 11:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 11:42	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 10:21	CH	EET MID

Client Sample ID: CS-46 (4.5')

Lab Sample ID: 880-56607-46
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 11:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 11:58	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 10:38	CH	EET MID

Client Sample ID: CS-47 (4.5')

Lab Sample ID: 880-56607-47
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 13:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 12:15	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-47 (4.5')

Lab Sample ID: 880-56607-47
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107138	04/09/25 10:44	CH	EET MID

Client Sample ID: CS-48 (4.5')

Lab Sample ID: 880-56607-48
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 12:32	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107138	04/09/25 10:50	CH	EET MID

Client Sample ID: CS-49 (4.5')

Lab Sample ID: 880-56607-49
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 12:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 12:49	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 12:33	CH	EET MID

Client Sample ID: CS-50 (4.5')

Lab Sample ID: 880-56607-50
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 14:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 13:06	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107138	04/09/25 11:01	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-51 (4.5')

Lab Sample ID: 880-56607-51

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 16:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 16:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 13:22	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 11:07	CH	EET MID

Client Sample ID: CS-52 (4.5')

Lab Sample ID: 880-56607-52

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 16:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 13:38	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107138	04/09/25 11:24	CH	EET MID

Client Sample ID: CS-53 (4.5')

Lab Sample ID: 880-56607-53

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 17:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 13:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 13:56	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 11:30	CH	EET MID

Client Sample ID: CS-54 (4.5')

Lab Sample ID: 880-56607-54

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:21	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-54 (4.5')

Lab Sample ID: 880-56607-54
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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			107335	04/09/25 14:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 14:12	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 11:47	CH	EET MID

Client Sample ID: CS-55 (4.5')

Lab Sample ID: 880-56607-55
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 17:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 14:29	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 11:53	CH	EET MID

Client Sample ID: CS-56 (4.5')

Lab Sample ID: 880-56607-56
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 18:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 14:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 14:46	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 11:59	CH	EET MID

Client Sample ID: CS-57 (4.5')

Lab Sample ID: 880-56607-57
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 15:03	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-57 (4.5')

Lab Sample ID: 880-56607-57
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 12:04	CH	EET MID

Client Sample ID: CS-58 (4.5')

Lab Sample ID: 880-56607-58
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 15:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 12:10	CH	EET MID

Client Sample ID: CS-59 (4.5')

Lab Sample ID: 880-56607-59
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 19:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 15:36	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 12:16	CH	EET MID

Client Sample ID: CS-60 (4.5')

Lab Sample ID: 880-56607-60
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107140	04/08/25 16:17	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107197	04/09/25 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 19:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 15:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 15:53	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107133	04/08/25 15:57	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107138	04/09/25 12:22	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-61 (4.5')

Lab Sample ID: 880-56607-61
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 11:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 11:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 16:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 16:10	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107147	04/09/25 09:07	CH	EET MID

Client Sample ID: CS-62 (4.5')

Lab Sample ID: 880-56607-62
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 12:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 16:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 16:27	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107147	04/09/25 09:29	CH	EET MID

Client Sample ID: CS-63 (4.5')

Lab Sample ID: 880-56607-63
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 12:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 16:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	107224	04/09/25 09:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 16:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107147	04/09/25 09:36	CH	EET MID

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-56607-64
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 12:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:53	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-64 (4.5')

Lab Sample ID: 880-56607-64
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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			107335	04/09/25 19:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 19:16	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107147	04/09/25 09:43	CH	EET MID

Client Sample ID: CS-65 (4.5')

Lab Sample ID: 880-56607-65
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 20:04	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107147	04/09/25 09:50	CH	EET MID

Client Sample ID: CS-66 (4.5')

Lab Sample ID: 880-56607-66
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 20:22	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 10:12	CH	EET MID

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-56607-67
Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 20:38	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-67 (4.5')

Lab Sample ID: 880-56607-67
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107147	04/09/25 10:19	CH	EET MID

Client Sample ID: CS-68 (4.5')

Lab Sample ID: 880-56607-68
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 14:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 20:54	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 10:26	CH	EET MID

Client Sample ID: CS-69 (4.5')

Lab Sample ID: 880-56607-69
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 21:10	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 10:34	CH	EET MID

Client Sample ID: CS-70 (4.5')

Lab Sample ID: 880-56607-70
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 14:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 10:41	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-71 (4.5')

Lab Sample ID: 880-56607-71
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 16:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 16:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 21:43	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 10:48	CH	EET MID

Client Sample ID: CS-72 (4.5')

Lab Sample ID: 880-56607-72
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 16:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 16:50	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 22:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 22:00	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 11:09	CH	EET MID

Client Sample ID: CS-73 (4.5')

Lab Sample ID: 880-56607-73
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 17:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 22:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 22:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 11:17	CH	EET MID

Client Sample ID: CS-74 (4.5')

Lab Sample ID: 880-56607-74
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:31	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-74 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			107335	04/09/25 22:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 22:48	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 11:38	CH	EET MID

Client Sample ID: CS-75 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-75
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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 17:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 23:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 23:04	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 11:45	CH	EET MID

Client Sample ID: CS-76 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-76
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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 23:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 23:21	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 11:53	CH	EET MID

Client Sample ID: CS-77 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-77
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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 23:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 23:36	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-77 (4.5')

Lab Sample ID: 880-56607-77
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 12:00	CH	EET MID

Client Sample ID: CS-78 (4.5')

Lab Sample ID: 880-56607-78
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 18:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 23:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/09/25 23:53	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 12:07	CH	EET MID

Client Sample ID: CS-79 (4.5')

Lab Sample ID: 880-56607-79
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 19:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 00:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/10/25 00:09	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 12:14	CH	EET MID

Client Sample ID: CS-80 (4.5')

Lab Sample ID: 880-56607-80
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107146	04/08/25 16:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107198	04/09/25 19:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 19:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 00:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/10/25 00:25	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107139	04/08/25 16:17	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107147	04/09/25 12:21	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-81 (4.5')

Lab Sample ID: 880-56607-81

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 00:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/10/25 00:42	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107156	04/09/25 08:56	CH	EET MID

Client Sample ID: CS-82 (4.5')

Lab Sample ID: 880-56607-82

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 00:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/10/25 00:58	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 09:19	CH	EET MID

Client Sample ID: CS-83 (4.5')

Lab Sample ID: 880-56607-83

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 01:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	107225	04/09/25 09:38	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107210	04/10/25 01:14	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 12:25	CH	EET MID

Client Sample ID: CS-84 (4.5')

Lab Sample ID: 880-56607-84

Date Collected: 04/03/25 00:00
Matrix: Solid
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 12:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:58	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-84 (4.5')

Lab Sample ID: 880-56607-84
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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			107335	04/09/25 19:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 19:16	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 12:33	CH	EET MID

Client Sample ID: CS-85 (4.5')

Lab Sample ID: 880-56607-85
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 20:04	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 09:41	CH	EET MID

Client Sample ID: CS-86 (4.5')

Lab Sample ID: 880-56607-86
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 13:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 20:22	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 10:04	CH	EET MID

Client Sample ID: CS-87 (4.5')

Lab Sample ID: 880-56607-87
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 20:38	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-87 (4.5')

Lab Sample ID: 880-56607-87
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 10:11	CH	EET MID

Client Sample ID: CS-88 (4.5')

Lab Sample ID: 880-56607-88
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 14:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 20:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 10:19	CH	EET MID

Client Sample ID: CS-89 (4.5')

Lab Sample ID: 880-56607-89
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 21:10	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 10:26	CH	EET MID

Client Sample ID: CS-90 (4.5')

Lab Sample ID: 880-56607-90
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 15:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 15:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 21:27	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 10:33	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-91 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-91
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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 16:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 16:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 21:43	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 10:41	CH	EET MID

Client Sample ID: CS-92 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-92
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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 16:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 16:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 22:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 22:00	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 11:03	CH	EET MID

Client Sample ID: CS-93 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-93
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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 17:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 22:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 22:16	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 11:11	CH	EET MID

Client Sample ID: CS-94 (4.5')

Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

Lab Sample ID: 880-56607-94
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			4.96 g	5 mL	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 17:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:37	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-94 (4.5')

Lab Sample ID: 880-56607-94
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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			107335	04/09/25 22:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 22:48	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 11:33	CH	EET MID

Client Sample ID: CS-95 (4.5')

Lab Sample ID: 880-56607-95
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 17:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 23:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 23:04	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 11:41	CH	EET MID

Client Sample ID: CS-96 (4.5')

Lab Sample ID: 880-56607-96
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 23:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 23:21	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 11:48	CH	EET MID

Client Sample ID: CS-97 (4.5')

Lab Sample ID: 880-56607-97
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 18:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 23:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 23:36	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-97 (4.5')

Lab Sample ID: 880-56607-97
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 11:56	CH	EET MID

Client Sample ID: CS-98 (4.5')

Lab Sample ID: 880-56607-98
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 23:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/09/25 23:53	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 12:03	CH	EET MID

Client Sample ID: CS-99 (4.5')

Lab Sample ID: 880-56607-99
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 19:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 19:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 00:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/10/25 00:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 12:11	CH	EET MID

Client Sample ID: CS-101 (4.5')

Lab Sample ID: 880-56607-100
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107151	04/08/25 16:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107199	04/09/25 19:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 19:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 00:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/10/25 00:25	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107150	04/08/25 16:21	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107156	04/09/25 12:18	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-102 (4.5')

Lab Sample ID: 880-56607-101
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 11:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 00:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/10/25 00:42	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 19:46	CH	EET MID

Client Sample ID: CS-103 (4.5')

Lab Sample ID: 880-56607-102
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 00:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/10/25 00:58	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 20:03	CH	EET MID

Client Sample ID: CS-104 (4.5')

Lab Sample ID: 880-56607-103
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/10/25 01:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	107226	04/09/25 09:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107212	04/10/25 01:14	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 20:09	CH	EET MID

Client Sample ID: CS-105 (4.5')

Lab Sample ID: 880-56607-104
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 12:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 12:58	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-105 (4.5')

Lab Sample ID: 880-56607-104
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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			107335	04/09/25 17:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 17:30	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 20:15	CH	EET MID

Client Sample ID: CS-106 (4.5')

Lab Sample ID: 880-56607-105
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 18:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 18:15	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 20:20	CH	EET MID

Client Sample ID: CS-107 (4.5')

Lab Sample ID: 880-56607-106
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 13:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 13:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 18:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 18:29	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 20:38	CH	EET MID

Client Sample ID: CS-108 (4.5')

Lab Sample ID: 880-56607-107
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 18:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 18:44	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-108 (4.5')

Lab Sample ID: 880-56607-107
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 20:43	CH	EET MID

Client Sample ID: CS-109 (4.5')

Lab Sample ID: 880-56607-108
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 14:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 19:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 19:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 20:49	CH	EET MID

Client Sample ID: CS-110 (4.5')

Lab Sample ID: 880-56607-109
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 14:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 19:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 19:15	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 20:55	CH	EET MID

Client Sample ID: CS-111 (4.5')

Lab Sample ID: 880-56607-110
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 15:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 15:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 19:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 19:29	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 21:01	CH	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-112 (4.5')

Lab Sample ID: 880-56607-111
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 16:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 16:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 19:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 19:44	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 21:06	CH	EET MID

Client Sample ID: CS-113 (4.5')

Lab Sample ID: 880-56607-112
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 16:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 16:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 19:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 19:59	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 21:24	CH	EET MID

Client Sample ID: CS-114 (4.5')

Lab Sample ID: 880-56607-113
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 17:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 20:14	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 21:29	CH	EET MID

Client Sample ID: CS-115 (4.5')

Lab Sample ID: 880-56607-114
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 17:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:37	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-115 (4.5')

Lab Sample ID: 880-56607-114
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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			107335	04/09/25 20:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 20:44	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 21:47	CH	EET MID

Client Sample ID: CS-116 (4.5')

Lab Sample ID: 880-56607-115
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 17:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 20:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 20:58	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 21:52	CH	EET MID

Client Sample ID: CS-117 (4.5')

Lab Sample ID: 880-56607-116
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 21:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	107160	04/08/25 21:58	CH	EET MID

Client Sample ID: CS-118 (4.5')

Lab Sample ID: 880-56607-117
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 21:28	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Client Sample ID: CS-118 (4.5')

Lab Sample ID: 880-56607-117
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107160	04/08/25 22:04	CH	EET MID

Client Sample ID: CS-119 (4.5')

Lab Sample ID: 880-56607-118
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 18:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 21:43	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107160	04/08/25 22:10	CH	EET MID

Client Sample ID: CS-11 (4.5')

Lab Sample ID: 880-56607-119
Matrix: Solid
Date Collected: 04/03/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 19:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 21:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107160	04/08/25 22:15	CH	EET MID

Client Sample ID: SW-1 (2.5')

Lab Sample ID: 880-56607-120
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/08/25 15:12

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	107157	04/08/25 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107200	04/09/25 19:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107255	04/09/25 19:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107335	04/09/25 22:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107235	04/09/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107222	04/09/25 22:13	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107158	04/08/25 16:25	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107160	04/08/25 22:21	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

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: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56607-1	CS-1 (2.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-2	CS-2 (2.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-3	CS-3 (2.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-4	CS-4 (2.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-5	CS-5 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-6	CS-6 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-7	CS-7 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-8	CS-8 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-9	CS-9 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-10	CS-10 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-11	CS-11 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-12	CS-12 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-13	CS-13 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-14	CS-14 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-15	CS-15 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-16	CS-16 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-17	CS-17 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-18	CS-18 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-19	CS-19 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-20	CS-20 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-21	CS-21 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-22	CS-22 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-23	CS-23 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-24	CS-24 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-25	CS-25 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-26	CS-26 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-27	CS-27 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-28	CS-28 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-29	CS-29 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-30	CS-30 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-31	CS-31 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-32	CS-32 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-33	CS-33 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-34	CS-34 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-35	CS-35 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-36	CS-36 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-37	CS-37 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-38	CS-38 (3.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-39	CS-39 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-40	CS-40 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-41	CS-41 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-42	CS-42 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-43	CS-43 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-44	CS-44 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-45	CS-45 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-46	CS-46 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-47	CS-47 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-48	CS-48 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-49	CS-49 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-50	CS-50 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-51	CS-51 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-52	CS-52 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-53	CS-53 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-54	CS-54 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56607-55	CS-55 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-56	CS-56 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-57	CS-57 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-58	CS-58 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-59	CS-59 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-60	CS-60 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-61	CS-61 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-62	CS-62 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-63	CS-63 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-64	CS-64 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-65	CS-65 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-66	CS-66 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-67	CS-67 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-68	CS-68 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-69	CS-69 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-70	CS-70 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-71	CS-71 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-72	CS-72 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-73	CS-73 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-74	CS-74 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-75	CS-75 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-76	CS-76 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-77	CS-77 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-78	CS-78 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-79	CS-79 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-80	CS-80 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-81	CS-81 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-82	CS-82 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-83	CS-83 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-84	CS-84 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-85	CS-85 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-86	CS-86 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-87	CS-87 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-88	CS-88 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-89	CS-89 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-90	CS-90 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-91	CS-91 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-92	CS-92 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-93	CS-93 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-94	CS-94 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-95	CS-95 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-96	CS-96 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-97	CS-97 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-98	CS-98 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-99	CS-99 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-100	CS-101 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-101	CS-102 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-102	CS-103 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-103	CS-104 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-104	CS-105 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-105	CS-106 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-106	CS-107 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-107	CS-108 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-108	CS-109 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56607-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56607-109	CS-110 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-110	CS-111 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-111	CS-112 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-112	CS-113 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-113	CS-114 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-114	CS-115 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-115	CS-116 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-116	CS-117 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-117	CS-118 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-118	CS-119 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-119	CS-11 (4.5')	Solid	04/03/25 00:00	04/08/25 15:12
880-56607-120	SW-1 (2.5')	Solid	04/04/25 00:00	04/08/25 15:12

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-1.2
Total Containers:		Corrected Temperature:	-1.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-1 (2.5')	4/3/2025		X		Comp	1	x	x	x	
CS-2 (2.5')	4/3/2025		X		Comp	1	x	x	x	
CS-3 (2.5')	4/3/2025		X		Comp	1	x	x	x	
CS-4 (2.5')	4/3/2025		X		Comp	1	x	x	x	
CS-5 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-6 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-7 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-8 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-9 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-10 (4.5')	4/3/2025		X		Comp	1	x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/25 1600		4/8/25 1512

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-11 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-12 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-13 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-14 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-15 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-16 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-17 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-18 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-19 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-20 (4.5')	4/3/2025		X		Comp	1	x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/25 1500		4/8/25 15:2

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-21 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-22 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-23 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-24 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-25 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-26 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-27 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-28 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-29 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-30 (3.5')	4/3/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/25 1500		4/8/25 1512

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-31 (3.5')	4/3/2025		X		Comp	1		x	x	x	
CS-32 (3.5')	4/3/2025		X		Comp	1		x	x	x	
CS-33 (3.5')	4/3/2025		X		Comp	1		x	x	x	
CS-34 (3.5')	4/3/2025		X		Comp	1		x	x	x	
CS-35 (3.5')	4/3/2025		X		Comp	1		x	x	x	
CS-36 (3.5')	4/3/2025		X		Comp	1		x	x	x	
CS-37 (3.5')	4/3/2025		X		Comp	1		x	x	x	
CS-38 (3.5')	4/3/2025		X		Comp	1		x	x	x	
CS-39 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-40 (4.5')	4/3/2025		X		Comp	1		x	x	x	

Parameters

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/25 1500		4/8/25 1512

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-41 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-42 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-43 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-44 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-45 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-46 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-47 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-48 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-49 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-50 (4.5')	4/3/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/25 1500		4/8/25 1512

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Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-51 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-52 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-53 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-54 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-55 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-56 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-57 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-58 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-59 (4.5')	4/3/2025		X		Comp	1	x	x	x	
CS-60 (4.5')	4/3/2025		X		Comp	1	x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/25 1500		4/9/25 1512

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-61 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-62 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-63 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-64 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-65 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-66 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-67 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-68 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-69 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-70 (4.5')	4/3/2025		X		Comp	1		x	x	x	

Parameters

ANALYSIS REQUEST

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
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Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-71 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-72 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-73 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-74 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-75 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-76 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-77 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-78 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-79 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-80 (4.5')	4/3/2025		X		Comp	1		x	x	x	

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Chain of Custody

Work Order No: _____

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Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around			
Project Number:	2495	☐ Routine	☑ Rush		
Project Location	Lea County, New Mexico	Due Date:	72 HR		
Sampler's Name:	CMM/JR/JDC				
PO #:					

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-81 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-82 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-83 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-84 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-85 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-86 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-87 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-88 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-89 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-90 (4.5')	4/3/2025		X		Comp	1		x	x	x	

Comments:

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Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-91 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-92 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-93 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-94 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-95 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-96 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-97 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-98 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-99 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-100 (4.5')	4/3/2025		X		Comp	1		x	x	x	

Comments:

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Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-101 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-102 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-103 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-104 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-105 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-106 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-107 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-108 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-109 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-110 (4.5')	4/3/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/25 1500		4/8/25 1512

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Company Name:	Carmona Resources	Company Name:	
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City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-111 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-112 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-113 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-114 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-115 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-116 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-117 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-118 (4.5')	4/3/2025		X		Comp	1		x	x	x	
CS-119 (4.5')	4/3/2025		X		Comp	1		x	x	x	
SW-1 (2.5')	4/4/2025		X		Comp	1		x	x	x	

Parameters

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/8/25 1500		4/8/25 1512

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-56607-1
SDG Number: Lea County, New Mexico

Login Number: 56607
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

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JOB DESCRIPTION

NGL-Tie In
Lea County New Mexico

JOB NUMBER

880-56700-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
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Client: Carmona Resources
Project/Site: NGL-Tie In

Laboratory Job ID: 880-56700-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-56700-1

Job ID: 880-56700-1 Eurofins Midland

Job Narrative
880-56700-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/9/2025 4:46 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

GC VOA
Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-107317 and analytical batch 880-107358 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-107339/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-107339/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-107339 and analytical batch 880-107310 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-107355 and analytical batch 880-107312 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-107355/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-107404/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-107408 and analytical batch 880-107308 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-107408 and analytical batch 880-107308 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-107408/2-A) and (LCSD 880-107408/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-107417/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-107417 and analytical batch

Case Narrative

Client: Carmona Resources
Project: NGL-Tie In

Job ID: 880-56700-1

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880-107308 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-107423/2-A) and (LCSD 880-107423/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-127 (4.5') (880-56700-126). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-107423 and analytical batch 880-107472 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107324 and analytical batch 880-107338 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107320 and analytical batch 880-107336 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107325 and analytical batch 880-107357 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107329 and analytical batch 880-107374 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107327 and analytical batch 880-107361 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107326 and analytical batch 880-107360 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-2 (2.5')

Lab Sample ID: 880-56700-1
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 14:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 14:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 14:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 14:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 14:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*04/10/25 08:51*	*04/10/25 14:21*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 08:51*	*04/10/25 14:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 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	<49.6	U	49.6		mg/Kg			04/10/25 13:37	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	<49.6	U	49.6		mg/Kg		04/10/25 08:39	04/10/25 13:37	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 08:39	04/10/25 13:37	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 08:39	04/10/25 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*04/10/25 08:39*	*04/10/25 13:37*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/10/25 08:39*	*04/10/25 13:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.3**		9.96		mg/Kg			04/10/25 13:04	1

Client Sample ID: SW-3 (2.5')

Lab Sample ID: 880-56700-2
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 14:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 14:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 14:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 14:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 14:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*04/10/25 08:51*	*04/10/25 14:41*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:51*	*04/10/25 14:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-3 (2.5')

Lab Sample ID: 880-56700-2
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 14:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/25 18:44	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	49.9		mg/Kg		04/10/25 11:31	04/10/25 18:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 11:31	04/10/25 18:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 11:31	04/10/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/10/25 11:31*	*04/10/25 18:44*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:31*	*04/10/25 18:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.0**		10.0		mg/Kg			04/10/25 13:26	1

Client Sample ID: SW-4 (2.5')

Lab Sample ID: 880-56700-3
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:51	04/10/25 15:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:51	04/10/25 15:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:51	04/10/25 15:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 08:51	04/10/25 15:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:51	04/10/25 15:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 08:51	04/10/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*04/10/25 08:51*	*04/10/25 15:02*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*04/10/25 08:51*	*04/10/25 15:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 15:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/25 19:28	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	<50.2	U	50.2		mg/Kg		04/10/25 11:31	04/10/25 19:28	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/10/25 11:31	04/10/25 19:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-4 (2.5')

Lab Sample ID: 880-56700-3
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/10/25 11:31	04/10/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/25 11:31*	*04/10/25 19:28*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/10/25 11:31*	*04/10/25 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.4**		10.0		mg/Kg			04/10/25 13:33	1

Client Sample ID: SW-5 (2.5')

Lab Sample ID: 880-56700-4
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 15:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 15:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 15:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 15:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 15:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/10/25 08:51*	*04/10/25 15:22*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 08:51*	*04/10/25 15:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 15:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 19:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 19:43	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 19:43	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/10/25 11:31*	*04/10/25 19:43*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/10/25 11:31*	*04/10/25 19:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.3**		10.0		mg/Kg			04/10/25 13:40	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-6 (2.5')

Lab Sample ID: 880-56700-5
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:12	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 08:51*	*04/10/25 17:12*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 08:51*	*04/10/25 17:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 17:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 19:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 19:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 19:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/10/25 11:31*	*04/10/25 19:58*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/10/25 11:31*	*04/10/25 19:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.0**		9.96		mg/Kg			04/10/25 13:48	1

Client Sample ID: SW-7 (2.5')

Lab Sample ID: 880-56700-6
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:33	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 17:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/10/25 08:51*	*04/10/25 17:33*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/10/25 08:51*	*04/10/25 17:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-7 (2.5')

Lab Sample ID: 880-56700-6
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 17:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/10/25 20:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/10/25 11:31	04/10/25 20:13	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/10/25 11:31	04/10/25 20:13	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 11:31	04/10/25 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/25 11:31*	*04/10/25 20:13*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/10/25 11:31*	*04/10/25 20:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.9**		10.0		mg/Kg			04/10/25 14:09	1

Client Sample ID: SW-8 (2.5')

Lab Sample ID: 880-56700-7
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:53	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 17:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 17:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 08:51*	*04/10/25 17:53*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 08:51*	*04/10/25 17:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 17:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/25 20:28	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	<49.8	U	49.8		mg/Kg		04/10/25 11:31	04/10/25 20:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 11:31	04/10/25 20:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-8 (2.5')

Lab Sample ID: 880-56700-7
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 11:31	04/10/25 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/10/25 11:31*	*04/10/25 20:28*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/10/25 11:31*	*04/10/25 20:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.4**		10.1		mg/Kg			04/10/25 14:16	1

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-56700-8
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:51	04/10/25 18:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:51	04/10/25 18:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:51	04/10/25 18:14	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/10/25 08:51	04/10/25 18:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:51	04/10/25 18:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/25 08:51	04/10/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/10/25 08:51*	*04/10/25 18:14*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/10/25 08:51*	*04/10/25 18:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/10/25 18:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/25 20:43	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	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 20:43	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 20:43	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/10/25 11:31*	*04/10/25 20:43*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/10/25 11:31*	*04/10/25 20:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.5**		10.1		mg/Kg			04/10/25 14:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-56700-9
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 18:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 18:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 18:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 18:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 18:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/10/25 08:51*	*04/10/25 18:34*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:51*	*04/10/25 18:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 18:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/10/25 20:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/10/25 11:31	04/10/25 20:58	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/10/25 11:31	04/10/25 20:58	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/10/25 11:31	04/10/25 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:31*	*04/10/25 20:58*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:31*	*04/10/25 20:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		9.92		mg/Kg			04/10/25 14:31	1

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-56700-10
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:51	04/10/25 18:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:51	04/10/25 18:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:51	04/10/25 18:55	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 08:51	04/10/25 18:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:51	04/10/25 18:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 08:51	04/10/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/10/25 08:51*	*04/10/25 18:55*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*04/10/25 08:51*	*04/10/25 18:55*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-11 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 18:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/25 21:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/25 11:31	04/10/25 21:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 11:31	04/10/25 21:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 11:31	04/10/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/10/25 11:31*	*04/10/25 21:13*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/25 11:31*	*04/10/25 21:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.1**		9.92		mg/Kg			04/10/25 14:38	1

Client Sample ID: SW-12 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-11
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		04/10/25 08:51	04/10/25 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 19:15	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 19:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/10/25 08:51*	*04/10/25 19:15*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/10/25 08:51*	*04/10/25 19:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 19:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 21:28	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	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 21:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 21:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-12 (4.5')

Lab Sample ID: 880-56700-11
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/10/25 11:31*	*04/10/25 21:28*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/10/25 11:31*	*04/10/25 21:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.3**	**F1**	10.1		mg/Kg			04/10/25 14:45	1

Client Sample ID: SW-13 (4.5')

Lab Sample ID: 880-56700-12
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 19:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 19:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 19:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 19:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:51	04/10/25 19:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:51	04/10/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/10/25 08:51*	*04/10/25 19:35*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 08:51*	*04/10/25 19:35*	*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			04/10/25 19:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/25 21:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 11:31	04/10/25 21:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 11:31	04/10/25 21:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 11:31	04/10/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/10/25 11:31*	*04/10/25 21:58*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/10/25 11:31*	*04/10/25 21:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.1**		10.1		mg/Kg			04/10/25 15:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-14 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-13
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:51	04/10/25 19:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:51	04/10/25 19:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:51	04/10/25 19:56	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 08:51	04/10/25 19:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:51	04/10/25 19:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 08:51	04/10/25 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/10/25 08:51*	*04/10/25 19:56*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*04/10/25 08:51*	*04/10/25 19:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 19:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/25 22:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 22:13	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 22:13	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/25 11:31*	*04/10/25 22:13*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/10/25 11:31*	*04/10/25 22:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.7**		9.96		mg/Kg			04/10/25 15:14	1

Client Sample ID: SW-15 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-14
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		04/10/25 08:51	04/10/25 20:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 20:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 20:16	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 20:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 20:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:51	04/10/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/10/25 08:51*	*04/10/25 20:16*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:51*	*04/10/25 20:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-56700-14
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 20:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/10/25 22:28	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	<50.3	U	50.3		mg/Kg		04/10/25 11:31	04/10/25 22:28	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/10/25 11:31	04/10/25 22:28	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/10/25 11:31	04/10/25 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/25 11:31*	*04/10/25 22:28*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:31*	*04/10/25 22:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.4**		10.0		mg/Kg			04/10/25 15:35	1

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-56700-15
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 14:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 08:49*	*04/10/25 14:17*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/10/25 08:49*	*04/10/25 14:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 14:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/25 22:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 22:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 22:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-56700-15
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/25 11:31*	*04/10/25 22:42*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/10/25 11:31*	*04/10/25 22:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.9**		10.1		mg/Kg			04/10/25 15:43	1

Client Sample ID: SW-17 (4.5')

Lab Sample ID: 880-56700-16
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:49	04/10/25 14:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:49	04/10/25 14:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:49	04/10/25 14:37	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 08:49	04/10/25 14:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:49	04/10/25 14:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 08:49	04/10/25 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 08:49*	*04/10/25 14:37*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 08:49*	*04/10/25 14:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 14:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/25 22:57	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	<49.9	U	49.9		mg/Kg		04/10/25 11:31	04/10/25 22:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 11:31	04/10/25 22:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 11:31	04/10/25 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/10/25 11:31*	*04/10/25 22:57*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/10/25 11:31*	*04/10/25 22:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.5**		9.96		mg/Kg			04/10/25 15:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-18 (4.5')

Lab Sample ID: 880-56700-17
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 14:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 14:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 14:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 14:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 14:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 08:49*	*04/10/25 14:58*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 08:49*	*04/10/25 14:58*	*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			04/10/25 14:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 23:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 23:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 23:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:31	04/10/25 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:31*	*04/10/25 23:13*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:31*	*04/10/25 23:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.5**		9.94		mg/Kg			04/10/25 15:57	1

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-56700-18
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 16:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 16:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 16:32	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 16:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 16:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*04/10/25 08:49*	*04/10/25 16:32*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*04/10/25 08:49*	*04/10/25 16:32*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-56700-18
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 16:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/25 23:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 23:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 23:27	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/10/25 11:31*	*04/10/25 23:27*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/10/25 11:31*	*04/10/25 23:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.5**		10.1		mg/Kg			04/10/25 16:04	1

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-56700-19
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 16:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 16:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 16:52	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 16:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 16:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 08:49*	*04/10/25 16:52*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 08:49*	*04/10/25 16:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/10/25 23:42	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	<50.5	U	50.5		mg/Kg		04/10/25 11:31	04/10/25 23:42	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/10/25 11:31	04/10/25 23:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-56700-19
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/10/25 11:31	04/10/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/25 11:31*	*04/10/25 23:42*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/10/25 11:31*	*04/10/25 23:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.8**		10.1		mg/Kg			04/10/25 16:11	1

Client Sample ID: SW-21 (4.5')

Lab Sample ID: 880-56700-20
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 17:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 17:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 17:13	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 17:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 17:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 08:49*	*04/10/25 17:13*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*04/10/25 08:49*	*04/10/25 17:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/25 23:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 23:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 23:58	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:31	04/10/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*04/10/25 11:31*	*04/10/25 23:58*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/10/25 11:31*	*04/10/25 23:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.0**		10.0		mg/Kg			04/10/25 16:19	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-56700-21
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:49	04/10/25 17:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:49	04/10/25 17:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:49	04/10/25 17:33	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/10/25 08:49	04/10/25 17:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:49	04/10/25 17:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/25 08:49	04/10/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 08:49*	*04/10/25 17:33*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/10/25 08:49*	*04/10/25 17:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/10/25 17:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/25 00:12	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	<50.1	U	50.1		mg/Kg		04/10/25 11:31	04/11/25 00:12	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/25 11:31	04/11/25 00:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 11:31	04/11/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:31*	*04/11/25 00:12*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/10/25 11:31*	*04/11/25 00:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.5**		10.0		mg/Kg			04/10/25 12:55	1

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-56700-22
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 17:54	1
Toluene	**0.00221**		0.00199		mg/Kg		04/10/25 08:49	04/10/25 17:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 17:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 17:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 17:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 08:49*	*04/10/25 17:54*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 08:49*	*04/10/25 17:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-23 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 17:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 02:14	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	<49.9	U	49.9		mg/Kg		04/10/25 11:35	04/11/25 02:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 11:35	04/11/25 02:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 11:35	04/11/25 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/10/25 11:35*	*04/11/25 02:14*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/10/25 11:35*	*04/11/25 02:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.2**		9.98		mg/Kg			04/10/25 13:12	1

Client Sample ID: SW-24 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-23
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		04/10/25 08:49	04/10/25 18:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:49	04/10/25 18:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:49	04/10/25 18:14	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 08:49	04/10/25 18:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:49	04/10/25 18:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 08:49	04/10/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:49*	*04/10/25 18:14*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 08:49*	*04/10/25 18:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 18:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 02:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 02:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 02:58	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-24 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-23
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:35*	*04/11/25 02:58*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 02:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.8**		9.96		mg/Kg			04/10/25 13:18	1

Client Sample ID: SW-25 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-24
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		04/10/25 08:49	04/10/25 18:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 18:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 18:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 18:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 18:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/10/25 08:49*	*04/10/25 18:35*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 08:49*	*04/10/25 18:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 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	<49.6	U	49.6		mg/Kg			04/11/25 03:14	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		04/10/25 11:35	04/11/25 03:14	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:35	04/11/25 03:14	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:35	04/11/25 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 03:14*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/10/25 11:35*	*04/11/25 03:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.7**		10.0		mg/Kg			04/10/25 13:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-26 (4.5')

Lab Sample ID: 880-56700-25
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 18:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 18:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 18:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 18:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 18:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/10/25 08:49*	*04/10/25 18:55*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 08:49*	*04/10/25 18:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 18:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/25 03:28	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	<49.8	U	49.8		mg/Kg		04/10/25 11:35	04/11/25 03:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 11:35	04/11/25 03:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 11:35	04/11/25 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 03:28*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/10/25 11:35*	*04/11/25 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.3**		10.0		mg/Kg			04/10/25 13:30	1

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-56700-26
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:49	04/10/25 19:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:49	04/10/25 19:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:49	04/10/25 19:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 08:49	04/10/25 19:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:49	04/10/25 19:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 08:49	04/10/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 08:49*	*04/10/25 19:16*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 08:49*	*04/10/25 19:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-56700-26
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 19:16	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			04/11/25 03:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 11:35	04/11/25 03:45	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:35	04/11/25 03:45	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:35	04/11/25 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/10/25 11:35*	*04/11/25 03:45*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/10/25 11:35*	*04/11/25 03:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.8**		10.0		mg/Kg			04/10/25 14:05	1

Client Sample ID: SW-28 (4.5')

Lab Sample ID: 880-56700-27
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 19:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 19:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 19:36	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 19:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 19:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:49	04/10/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 08:49*	*04/10/25 19:36*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 08:49*	*04/10/25 19:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 19:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/11/25 03:59	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		04/10/25 11:35	04/11/25 03:59	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/10/25 11:35	04/11/25 03:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-28 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-27
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 11:35	04/11/25 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 03:59*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/10/25 11:35*	*04/11/25 03:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.3**		9.98		mg/Kg			04/10/25 14:10	1

Client Sample ID: SW-29 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-28
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		04/10/25 08:46	04/10/25 13:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 13:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 13:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 13:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 13:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 08:46*	*04/10/25 13:56*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:46*	*04/10/25 13:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 13:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/25 04:15	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		04/10/25 11:35	04/11/25 04:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 11:35	04/11/25 04:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 11:35	04/11/25 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/10/25 11:35*	*04/11/25 04:15*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/10/25 11:35*	*04/11/25 04:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.5**		10.1		mg/Kg			04/10/25 14:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-30 (4.5')

Lab Sample ID: 880-56700-29
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 14:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 14:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 14:17	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 14:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 14:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 08:46*	*04/10/25 14:17*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:46*	*04/10/25 14:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 14:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/25 04:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/10/25 11:35	04/11/25 04:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/25 11:35	04/11/25 04:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 11:35	04/11/25 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/25 11:35*	*04/11/25 04:29*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/10/25 11:35*	*04/11/25 04:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.8**		9.96		mg/Kg			04/10/25 14:22	1

Client Sample ID: SW-31 (4.5')

Lab Sample ID: 880-56700-30
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:46	04/10/25 14:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:46	04/10/25 14:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:46	04/10/25 14:37	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 08:46	04/10/25 14:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:46	04/10/25 14:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 08:46	04/10/25 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 08:46*	*04/10/25 14:37*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 08:46*	*04/10/25 14:37*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-31 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-30
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 14:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 04:44	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	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 04:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 04:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/25 11:35*	*04/11/25 04:44*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 04:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.2**		10.1		mg/Kg			04/10/25 14:28	1

Client Sample ID: SW-32 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-31
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		04/10/25 08:46	04/10/25 14:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 14:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 14:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 14:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 14:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 08:46*	*04/10/25 14:58*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:46*	*04/10/25 14:58*	*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			04/10/25 14:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/11/25 04:59	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	<50.2	U	50.2		mg/Kg		04/10/25 11:35	04/11/25 04:59	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/10/25 11:35	04/11/25 04:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-32 (4.5')

Lab Sample ID: 880-56700-31
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/10/25 11:35	04/11/25 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:35*	*04/11/25 04:59*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/25 11:35*	*04/11/25 04:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.5**		9.96		mg/Kg			04/10/25 14:33	1

Client Sample ID: SW-33 (4.5')

Lab Sample ID: 880-56700-32
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 16:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 16:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 16:32	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:46	04/10/25 16:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 16:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:46	04/10/25 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 08:46*	*04/10/25 16:32*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 08:46*	*04/10/25 16:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 16:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 05:28	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	<49.9	U	49.9		mg/Kg		04/10/25 11:35	04/11/25 05:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 11:35	04/11/25 05:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 11:35	04/11/25 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*04/10/25 11:35*	*04/11/25 05:28*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/10/25 11:35*	*04/11/25 05:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.6**		10.0		mg/Kg			04/10/25 14:51	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-34 (4.5')

Lab Sample ID: 880-56700-33
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 16:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 16:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 16:52	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:46	04/10/25 16:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 16:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:46	04/10/25 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 08:46*	*04/10/25 16:52*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 08:46*	*04/10/25 16:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 16:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/11/25 05:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/10/25 11:35	04/11/25 05:43	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/10/25 11:35	04/11/25 05:43	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 11:35	04/11/25 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/10/25 11:35*	*04/11/25 05:43*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/10/25 11:35*	*04/11/25 05:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.2**		9.98		mg/Kg			04/10/25 14:56	1

Client Sample ID: SW-35 (4.5')

Lab Sample ID: 880-56700-34
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 17:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 17:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 17:13	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:46	04/10/25 17:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 17:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:46	04/10/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:46*	*04/10/25 17:13*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 08:46*	*04/10/25 17:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-35 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-34
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			04/10/25 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 05:57	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	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 05:57	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 05:57	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/10/25 11:35*	*04/11/25 05:57*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 05:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.7**		9.94		mg/Kg			04/10/25 15:14	1

Client Sample ID: SW-36 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-35
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		04/10/25 08:46	04/10/25 17:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:46	04/10/25 17:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:46	04/10/25 17:33	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/10/25 08:46	04/10/25 17:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/25 08:46	04/10/25 17:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/25 08:46	04/10/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/10/25 08:46*	*04/10/25 17:33*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 08:46*	*04/10/25 17:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/10/25 17:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/25 06:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/10/25 11:35	04/11/25 06:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/25 11:35	04/11/25 06:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-36 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-35
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 11:35	04/11/25 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:35*	*04/11/25 06:13*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/25 11:35*	*04/11/25 06:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.8**		10.1		mg/Kg			04/10/25 15:20	1

Client Sample ID: SW-37 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-36
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		04/10/25 08:46	04/10/25 17:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 17:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 17:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 17:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 17:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 08:46*	*04/10/25 17:54*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 08:46*	*04/10/25 17:54*	*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			04/10/25 17:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 06:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 06:27	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 06:27	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/25 11:35*	*04/11/25 06:27*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/25 11:35*	*04/11/25 06:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		9.98		mg/Kg			04/10/25 15:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-38 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-37
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		04/10/25 08:46	04/10/25 18:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:46	04/10/25 18:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:46	04/10/25 18:14	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 08:46	04/10/25 18:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 08:46	04/10/25 18:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 08:46	04/10/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/25 08:46*	*04/10/25 18:14*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 08:46*	*04/10/25 18:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 18:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/25 06:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 11:35	04/11/25 06:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 11:35	04/11/25 06:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 11:35	04/11/25 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/10/25 11:35*	*04/11/25 06:41*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 06:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.9**		10.0		mg/Kg			04/10/25 15:31	1

Client Sample ID: SW-39 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-38
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		04/10/25 08:46	04/10/25 18:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 18:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 18:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 08:46	04/10/25 18:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 18:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 08:46	04/10/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 08:46*	*04/10/25 18:35*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 08:46*	*04/10/25 18:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-39 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-38
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			04/10/25 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	<50.3	U	50.3		mg/Kg			04/11/25 06:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/10/25 11:35	04/11/25 06:56	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/10/25 11:35	04/11/25 06:56	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/10/25 11:35	04/11/25 06:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 06:56*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:35*	*04/11/25 06:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.5**		10.0		mg/Kg			04/10/25 15:37	1

Client Sample ID: SW-40 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-39
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		04/10/25 08:46	04/10/25 18:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 18:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 18:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 18:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:46	04/10/25 18:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:46	04/10/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/25 08:46*	*04/10/25 18:55*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 08:46*	*04/10/25 18:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 18:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 07:10	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	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 07:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 07:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-40 (4.5')

Lab Sample ID: 880-56700-39
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:35	04/11/25 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:35*	*04/11/25 07:10*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/10/25 11:35*	*04/11/25 07:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.9**		9.94		mg/Kg			04/10/25 15:43	1

Client Sample ID: SW-41 (4.5')

Lab Sample ID: 880-56700-40
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:46	04/10/25 19:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:46	04/10/25 19:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:46	04/10/25 19:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 08:46	04/10/25 19:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 08:46	04/10/25 19:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 08:46	04/10/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/10/25 08:46*	*04/10/25 19:16*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 08:46*	*04/10/25 19:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 19:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/25 07:25	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	<50.0	U	50.0		mg/Kg		04/10/25 11:35	04/11/25 07:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 11:35	04/11/25 07:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 11:35	04/11/25 07:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/10/25 11:35*	*04/11/25 07:25*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/10/25 11:35*	*04/11/25 07:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.0		mg/Kg			04/10/25 15:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-42 (4.5')

Lab Sample ID: 880-56700-41
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		04/10/25 09:49	04/10/25 16:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:49	04/10/25 16:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:49	04/10/25 16:38	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 09:49	04/10/25 16:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:49	04/10/25 16:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 09:49	04/10/25 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:49*	*04/10/25 16:38*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/25 09:49*	*04/10/25 16:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 16:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/11/25 07:40	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		04/10/25 11:35	04/11/25 07:40	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/10/25 11:35	04/11/25 07:40	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/10/25 11:35	04/11/25 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/10/25 11:35*	*04/11/25 07:40*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/10/25 11:35*	*04/11/25 07:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.0**	**F1**	9.94		mg/Kg			04/10/25 14:41	1

Client Sample ID: SW-43 (4.5')

Lab Sample ID: 880-56700-42
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 16:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 16:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 16:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 16:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 16:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 09:49*	*04/10/25 16:59*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 09:49*	*04/10/25 16:59*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-43 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-42
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 16:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/25 18:44	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		04/10/25 11:39	04/10/25 18:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 18:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/10/25 11:39*	*04/10/25 18:44*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/10/25 11:39*	*04/10/25 18:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.3**		10.1		mg/Kg			04/10/25 15:04	1

Client Sample ID: SW-44 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-43
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		04/10/25 09:49	04/10/25 17:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 17:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 17:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/25 09:49	04/10/25 17:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 17:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/25 09:49	04/10/25 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 09:49*	*04/10/25 17:19*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:49*	*04/10/25 17:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/25 17:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 19:28	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	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 19:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 19:28	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-44 (4.5')

Lab Sample ID: 880-56700-43
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/25 11:39*	*04/10/25 19:28*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/10/25 11:39*	*04/10/25 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.6**		10.1		mg/Kg			04/10/25 15:11	1

Client Sample ID: SW-45 (4.5')

Lab Sample ID: 880-56700-44
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 17:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 17:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 17:40	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 17:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 17:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/25 09:49*	*04/10/25 17:40*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:49*	*04/10/25 17:40*	*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			04/10/25 17:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/25 19:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 11:39	04/10/25 19:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 11:39	04/10/25 19:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 11:39	04/10/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/10/25 11:39*	*04/10/25 19:43*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/10/25 11:39*	*04/10/25 19:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.3**		9.98		mg/Kg			04/10/25 15:19	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-46 (4.5')

Lab Sample ID: 880-56700-45
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 18:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 18:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 18:00	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:49	04/10/25 18:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 18:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:49	04/10/25 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 09:49*	*04/10/25 18:00*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:49*	*04/10/25 18:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 18:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/25 19:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/25 11:39	04/10/25 19:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 11:39	04/10/25 19:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 11:39	04/10/25 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/25 11:39*	*04/10/25 19:58*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/10/25 11:39*	*04/10/25 19:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.1**		9.96		mg/Kg			04/10/25 15:27	1

Client Sample ID: SW-47 (4.5')

Lab Sample ID: 880-56700-46
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 18:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 18:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 09:49*	*04/10/25 18:20*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/10/25 09:49*	*04/10/25 18:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-47 (4.5')

Lab Sample ID: 880-56700-46
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 18:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/25 20:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/10/25 11:39	04/10/25 20:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/25 11:39	04/10/25 20:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 11:39	04/10/25 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/25 11:39*	*04/10/25 20:13*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/25 11:39*	*04/10/25 20:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.3**		10.1		mg/Kg			04/10/25 15:49	1

Client Sample ID: SW-48 (1')

Lab Sample ID: 880-56700-47
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 18:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 18:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 18:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 18:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 18:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 09:49*	*04/10/25 18:41*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/10/25 09:49*	*04/10/25 18:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 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	<49.8	U	49.8		mg/Kg			04/10/25 20:28	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	<49.8	U	49.8		mg/Kg		04/10/25 11:39	04/10/25 20:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 11:39	04/10/25 20:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-48 (1')

Lab Sample ID: 880-56700-47
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 11:39	04/10/25 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/25 11:39*	*04/10/25 20:28*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/10/25 11:39*	*04/10/25 20:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.3**		10.1		mg/Kg			04/10/25 15:56	1

Client Sample ID: SW-49 (3.5')

Lab Sample ID: 880-56700-48
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 19:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 19:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 19:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 19:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 19:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:49*	*04/10/25 19:01*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 09:49*	*04/10/25 19:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 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	<50.2	U	50.2		mg/Kg			04/10/25 20:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/10/25 11:39	04/10/25 20:43	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/10/25 11:39	04/10/25 20:43	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/10/25 11:39	04/10/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/10/25 11:39*	*04/10/25 20:43*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/10/25 11:39*	*04/10/25 20:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		9.96		mg/Kg			04/10/25 16:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-50 (3.5')

Lab Sample ID: 880-56700-49
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 19:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 19:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 19:22	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:49	04/10/25 19:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 19:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:49	04/10/25 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 09:49*	*04/10/25 19:22*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:49*	*04/10/25 19:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 19:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 20:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 20:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 20:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/10/25 11:39*	*04/10/25 20:58*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/10/25 11:39*	*04/10/25 20:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		9.98		mg/Kg			04/10/25 16:11	1

Client Sample ID: SW-51 (3.5')

Lab Sample ID: 880-56700-50
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 19:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 19:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 19:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 19:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 19:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 09:49*	*04/10/25 19:42*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 09:49*	*04/10/25 19:42*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-51 (3.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-50
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 19:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/10/25 21:13	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	<50.3	U	50.3		mg/Kg		04/10/25 11:39	04/10/25 21:13	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/10/25 11:39	04/10/25 21:13	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/10/25 11:39	04/10/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/10/25 11:39*	*04/10/25 21:13*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/10/25 11:39*	*04/10/25 21:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		9.94		mg/Kg			04/10/25 16:19	1

Client Sample ID: SW-52 (3.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-51
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		04/10/25 09:49	04/10/25 21:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:16	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 21:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/25 09:49*	*04/10/25 21:16*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/10/25 09:49*	*04/10/25 21:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 21:16	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			04/10/25 21:28	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	<49.6	U	49.6		mg/Kg		04/10/25 11:39	04/10/25 21:28	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:39	04/10/25 21:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-52 (3.5')

Lab Sample ID: 880-56700-51
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:39	04/10/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/10/25 11:39*	*04/10/25 21:28*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/10/25 11:39*	*04/10/25 21:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.4**	**F1**	9.92		mg/Kg			04/10/25 16:26	1

Client Sample ID: SW-53 (3.5')

Lab Sample ID: 880-56700-52
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:36	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 21:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 09:49*	*04/10/25 21:36*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 09:49*	*04/10/25 21:36*	*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			04/10/25 21:36	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			04/10/25 21:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 21:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 21:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/10/25 11:39*	*04/10/25 21:58*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/10/25 11:39*	*04/10/25 21:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**173**		10.0		mg/Kg			04/10/25 17:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-54 (3.5')

Lab Sample ID: 880-56700-53
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:57	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 21:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 21:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:49*	*04/10/25 21:57*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:49*	*04/10/25 21:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 21:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/10/25 22:13	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		04/10/25 11:39	04/10/25 22:13	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/10/25 11:39	04/10/25 22:13	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 11:39	04/10/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/10/25 11:39*	*04/10/25 22:13*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/25 11:39*	*04/10/25 22:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.0**		9.96		mg/Kg			04/10/25 17:27	1

Client Sample ID: SW-55 (3.5')

Lab Sample ID: 880-56700-54
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:49	04/10/25 22:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:49	04/10/25 22:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:49	04/10/25 22:17	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/10/25 09:49	04/10/25 22:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:49	04/10/25 22:17	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/25 09:49	04/10/25 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 09:49*	*04/10/25 22:17*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 09:49*	*04/10/25 22:17*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-55 (3.5')

Lab Sample ID: 880-56700-54
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/10/25 22:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 22:28	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	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 22:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 22:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/10/25 11:39*	*04/10/25 22:28*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/10/25 11:39*	*04/10/25 22:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		9.98		mg/Kg			04/10/25 17:49	1

Client Sample ID: SW-56 (3.5')

Lab Sample ID: 880-56700-55
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 22:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 22:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 22:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 22:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 22:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 09:49*	*04/10/25 22:38*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 09:49*	*04/10/25 22:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 22:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/10/25 22:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		04/10/25 11:39	04/10/25 22:42	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/10/25 11:39	04/10/25 22:42	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-56 (3.5')

Lab Sample ID: 880-56700-55
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/10/25 11:39	04/10/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*04/10/25 11:39*	*04/10/25 22:42*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/25 11:39*	*04/10/25 22:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.4**		10.0		mg/Kg			04/10/25 17:57	1

Client Sample ID: SW-57 (3.5')

Lab Sample ID: 880-56700-56
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:49	04/10/25 22:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:49	04/10/25 22:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:49	04/10/25 22:58	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 09:49	04/10/25 22:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:49	04/10/25 22:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 09:49	04/10/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 09:49*	*04/10/25 22:58*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/10/25 09:49*	*04/10/25 22:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 22:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/25 22:57	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	<49.6	U	49.6		mg/Kg		04/10/25 11:39	04/10/25 22:57	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 11:39	04/10/25 22:57	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 11:39	04/10/25 22:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/10/25 11:39*	*04/10/25 22:57*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/10/25 11:39*	*04/10/25 22:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.9**		10.1		mg/Kg			04/10/25 18:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-58 (1')

Lab Sample ID: 880-56700-57
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 23:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 23:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 23:18	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 23:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 23:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/10/25 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:49*	*04/10/25 23:18*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 09:49*	*04/10/25 23:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 23:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 23:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 23:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 23:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 11:39*	*04/10/25 23:13*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/10/25 11:39*	*04/10/25 23:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		9.98		mg/Kg			04/10/25 18:12	1

Client Sample ID: SW-59 (4.5')

Lab Sample ID: 880-56700-58
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 23:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 23:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 23:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 23:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:49	04/10/25 23:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:49	04/10/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 09:49*	*04/10/25 23:39*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/25 09:49*	*04/10/25 23:39*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-59 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-58
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 23:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/10/25 23:27	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	<50.4	U	50.4		mg/Kg		04/10/25 11:39	04/10/25 23:27	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/10/25 11:39	04/10/25 23:27	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 11:39	04/10/25 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:39*	*04/10/25 23:27*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:39*	*04/10/25 23:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		10.0		mg/Kg			04/10/25 18:19	1

Client Sample ID: SW-60 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-59
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 23:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 23:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 23:59	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:49	04/10/25 23:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:49	04/10/25 23:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:49	04/10/25 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 09:49*	*04/10/25 23:59*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:49*	*04/10/25 23:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 23:59	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			04/10/25 23:42	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	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 23:42	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 23:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-60 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-59
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 11:39	04/10/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/10/25 11:39*	*04/10/25 23:42*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/25 11:39*	*04/10/25 23:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.6**		9.98		mg/Kg			04/10/25 18:27	1

Client Sample ID: SW-61 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-60
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		04/10/25 09:49	04/11/25 00:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/11/25 00:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/11/25 00:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/11/25 00:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/11/25 00:20	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:49	04/11/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 09:49*	*04/11/25 00:20*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/25 09:49*	*04/11/25 00:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 00:20	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			04/10/25 23:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 23:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 23:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 11:39*	*04/10/25 23:58*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/10/25 11:39*	*04/10/25 23:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.9**		9.96		mg/Kg			04/10/25 18:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-62 (4.5')

Lab Sample ID: 880-56700-61
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:51	04/10/25 16:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:51	04/10/25 16:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:51	04/10/25 16:32	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 09:51	04/10/25 16:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:51	04/10/25 16:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 09:51	04/10/25 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 09:51*	*04/10/25 16:32*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:51*	*04/10/25 16:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 16:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/25 00:12	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	<50.1	U	50.1		mg/Kg		04/10/25 11:39	04/11/25 00:12	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/25 11:39	04/11/25 00:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 11:39	04/11/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 11:39*	*04/11/25 00:12*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/10/25 11:39*	*04/11/25 00:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.6**	**F1**	10.0		mg/Kg			04/10/25 16:35	1

Client Sample ID: SW-63 (4.5')

Lab Sample ID: 880-56700-62
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 16:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 16:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 16:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 16:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 16:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 09:51*	*04/10/25 16:53*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:51*	*04/10/25 16:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-63 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-62
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 16:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/25 02:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 02:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 02:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/10/25 15:26*	*04/11/25 02:14*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/25 15:26*	*04/11/25 02:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.4**		10.0		mg/Kg			04/10/25 16:52	1

Client Sample ID: SW-64 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-63
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		04/10/25 09:51	04/10/25 17:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 17:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 17:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/25 09:51	04/10/25 17:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 17:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/25 09:51	04/10/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 09:51*	*04/10/25 17:13*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:51*	*04/10/25 17:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/25 17:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 02:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 02:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 02:58	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-64 (4.5')

Lab Sample ID: 880-56700-63
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/10/25 15:26*	*04/11/25 02:58*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/10/25 15:26*	*04/11/25 02:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.9**		10.0		mg/Kg			04/10/25 16:58	1

Client Sample ID: SW-65 (4.5')

Lab Sample ID: 880-56700-64
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 17:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 17:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 17:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 17:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 17:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:51*	*04/10/25 17:34*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:51*	*04/10/25 17:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 17:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 03:14	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	<49.9	U	49.9		mg/Kg		04/10/25 15:26	04/11/25 03:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 15:26	04/11/25 03:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 15:26	04/11/25 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/10/25 15:26*	*04/11/25 03:14*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/10/25 15:26*	*04/11/25 03:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.1**		9.96		mg/Kg			04/10/25 17:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-66 (4.5')

Lab Sample ID: 880-56700-65
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 17:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 17:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 17:54	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:51	04/10/25 17:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 17:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:51	04/10/25 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:51*	*04/10/25 17:54*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:51*	*04/10/25 17:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 17:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 03:28	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	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 03:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 03:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/10/25 15:26*	*04/11/25 03:28*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*04/10/25 15:26*	*04/11/25 03:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.6**		10.1		mg/Kg			04/10/25 17:09	1

Client Sample ID: SW-67 (4.5')

Lab Sample ID: 880-56700-66
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 18:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 18:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 18:15	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 18:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 18:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/10/25 09:51*	*04/10/25 18:15*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:51*	*04/10/25 18:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-67 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-66
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			04/10/25 18:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/11/25 03:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/10/25 15:26	04/11/25 03:45	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/10/25 15:26	04/11/25 03:45	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/10/25 15:26	04/11/25 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*04/10/25 15:26*	*04/11/25 03:45*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/10/25 15:26*	*04/11/25 03:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.1**		9.90		mg/Kg			04/10/25 17:26	1

Client Sample ID: SW-68 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-67
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		04/10/25 09:51	04/10/25 18:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 18:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 18:35	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 18:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 18:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:51*	*04/10/25 18:35*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 09:51*	*04/10/25 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			04/10/25 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	<49.7	U	49.7		mg/Kg			04/11/25 03:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 03:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 03:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-68 (4.5')

Lab Sample ID: 880-56700-67
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/10/25 15:26*	*04/11/25 03:59*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/10/25 15:26*	*04/11/25 03:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.1**		10.0		mg/Kg			04/10/25 17:32	1

Client Sample ID: SW-69 (4.5')

Lab Sample ID: 880-56700-68
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 18:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 18:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 18:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 18:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 18:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 09:51*	*04/10/25 18:56*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:51*	*04/10/25 18:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 18:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/25 04:15	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		04/10/25 15:26	04/11/25 04:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 15:26	04/11/25 04:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 15:26	04/11/25 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/10/25 15:26*	*04/11/25 04:15*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/10/25 15:26*	*04/11/25 04:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		9.98		mg/Kg			04/10/25 17:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-70 (4.5')

Lab Sample ID: 880-56700-69
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 19:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 19:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 19:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:51	04/10/25 19:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 19:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:51	04/10/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 09:51*	*04/10/25 19:16*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:51*	*04/10/25 19:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 19:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/25 04:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/10/25 15:26	04/11/25 04:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/25 15:26	04/11/25 04:29	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 15:26	04/11/25 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*04/10/25 15:26*	*04/11/25 04:29*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/10/25 15:26*	*04/11/25 04:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.7**		9.96		mg/Kg			04/10/25 17:44	1

Client Sample ID: SW-71 (4.5')

Lab Sample ID: 880-56700-70
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 19:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 19:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 19:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 19:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 19:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/10/25 09:51*	*04/10/25 19:37*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 09:51*	*04/10/25 19:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-71 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-70
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 19:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 04:44	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	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 04:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 04:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/10/25 15:26*	*04/11/25 04:44*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*04/10/25 15:26*	*04/11/25 04:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.2**		10.1		mg/Kg			04/10/25 17:49	1

Client Sample ID: SW-72 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-71
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		04/10/25 09:51	04/10/25 21:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:00	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 21:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:51*	*04/10/25 21:00*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 09:51*	*04/10/25 21:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 21:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/25 04:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 04:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 04:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-72 (4.5')

Lab Sample ID: 880-56700-71
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 15:26*	*04/11/25 04:59*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/10/25 15:26*	*04/11/25 04:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.1**		10.0		mg/Kg			04/10/25 17:55	1

Client Sample ID: SW-73 (4.5')

Lab Sample ID: 880-56700-72
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:21	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 21:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:51*	*04/10/25 21:21*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 09:51*	*04/10/25 21:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 21:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/11/25 05:28	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		04/10/25 15:26	04/11/25 05:28	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/10/25 15:26	04/11/25 05:28	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/10/25 15:26	04/11/25 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 15:26*	*04/11/25 05:28*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/10/25 15:26*	*04/11/25 05:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		9.98		mg/Kg			04/10/25 18:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-74 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-73
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		04/10/25 09:51	04/10/25 21:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:41	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 21:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 21:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:51*	*04/10/25 21:41*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 09:51*	*04/10/25 21:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/10/25 21:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 05:43	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	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 05:43	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 05:43	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/10/25 15:26*	*04/11/25 05:43*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/10/25 15:26*	*04/11/25 05:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.7**		9.96		mg/Kg			04/10/25 18:19	1

Client Sample ID: SW-75 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-74
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		04/10/25 09:51	04/10/25 22:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:51	04/10/25 22:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:51	04/10/25 22:02	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/10/25 09:51	04/10/25 22:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:51	04/10/25 22:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/25 09:51	04/10/25 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 09:51*	*04/10/25 22:02*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:51*	*04/10/25 22:02*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-75 (4.5')

Lab Sample ID: 880-56700-74
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/10/25 22:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/11/25 05:57	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	<50.4	U	50.4		mg/Kg		04/10/25 15:26	04/11/25 05:57	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/10/25 15:26	04/11/25 05:57	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 15:26	04/11/25 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/10/25 15:26*	*04/11/25 05:57*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/10/25 15:26*	*04/11/25 05:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		9.94		mg/Kg			04/10/25 18:36	1

Client Sample ID: SW-76 (4.5')

Lab Sample ID: 880-56700-75
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 22:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 22:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 22:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 22:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 22:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/10/25 09:51*	*04/10/25 22:22*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 09:51*	*04/10/25 22:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 22:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 06:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 06:13	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 06:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-76 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-75
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 15:26	04/11/25 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 15:26*	*04/11/25 06:13*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/10/25 15:26*	*04/11/25 06:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.2**		10.1		mg/Kg			04/10/25 18:41	1

Client Sample ID: SW-77 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-76
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		04/10/25 09:51	04/10/25 22:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:51	04/10/25 22:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:51	04/10/25 22:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 09:51	04/10/25 22:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:51	04/10/25 22:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 09:51	04/10/25 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*04/10/25 09:51*	*04/10/25 22:43*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:51*	*04/10/25 22:43*	*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			04/10/25 22:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 06:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 06:27	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 06:27	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/10/25 15:26*	*04/11/25 06:27*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/10/25 15:26*	*04/11/25 06:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.1**		9.98		mg/Kg			04/10/25 18:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-78 (4.5')

Lab Sample ID: 880-56700-77
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 23:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 23:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 23:03	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 23:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 23:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/10/25 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 09:51*	*04/10/25 23:03*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:51*	*04/10/25 23:03*	*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			04/10/25 23:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/25 06:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 06:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 06:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/10/25 15:26*	*04/11/25 06:41*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/10/25 15:26*	*04/11/25 06:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.8**		9.94		mg/Kg			04/10/25 18:53	1

Client Sample ID: SW-79 (4.5')

Lab Sample ID: 880-56700-78
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 23:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 23:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 23:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 23:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:51	04/10/25 23:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:51	04/10/25 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/10/25 09:51*	*04/10/25 23:24*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/10/25 09:51*	*04/10/25 23:24*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-79 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-78
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 23:24	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			04/11/25 06:56	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	<49.8	U	49.8		mg/Kg		04/10/25 15:26	04/11/25 06:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 15:26	04/11/25 06:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 15:26	04/11/25 06:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 15:26*	*04/11/25 06:56*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/10/25 15:26*	*04/11/25 06:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.9**		10.1		mg/Kg			04/10/25 18:59	1

Client Sample ID: SW-80 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-79
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 23:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 23:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 23:44	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:51	04/10/25 23:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:51	04/10/25 23:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:51	04/10/25 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:51*	*04/10/25 23:44*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 09:51*	*04/10/25 23:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 23:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 07:10	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	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 07:10	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 07:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-80 (4.5')

Lab Sample ID: 880-56700-79
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:26	04/11/25 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 15:26*	*04/11/25 07:10*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/10/25 15:26*	*04/11/25 07:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.4**		9.90		mg/Kg			04/10/25 19:04	1

Client Sample ID: SW-81 (4.5')

Lab Sample ID: 880-56700-80
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/11/25 00:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/11/25 00:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/11/25 00:05	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/11/25 00:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/11/25 00:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:51	04/11/25 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/10/25 09:51*	*04/11/25 00:05*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:51*	*04/11/25 00:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 00:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/25 07:25	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	<50.1	U	50.1		mg/Kg		04/10/25 15:26	04/11/25 07:25	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/25 15:26	04/11/25 07:25	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 15:26	04/11/25 07:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 15:26*	*04/11/25 07:25*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/10/25 15:26*	*04/11/25 07:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.2**		10.1		mg/Kg			04/10/25 19:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-82 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-81
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		04/10/25 09:53	04/10/25 22:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:53	04/10/25 22:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:53	04/10/25 22:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 09:53	04/10/25 22:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:53	04/10/25 22:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 09:53	04/10/25 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/10/25 22:17*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 09:53*	*04/10/25 22:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 22:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/25 07:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 15:26	04/11/25 07:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 15:26	04/11/25 07:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 15:26	04/11/25 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/10/25 15:26*	*04/11/25 07:40*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/10/25 15:26*	*04/11/25 07:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**	**F1**	10.0		mg/Kg			04/10/25 17:16	1

Client Sample ID: SW-83 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-82
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		04/10/25 09:53	04/10/25 22:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/10/25 22:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/10/25 22:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/10/25 22:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/10/25 22:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/10/25 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 09:53*	*04/10/25 22:38*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 09:53*	*04/10/25 22:38*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-83 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-82
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 22:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/10/25 18:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/10/25 15:30	04/10/25 18:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U *+	50.1		mg/Kg		04/10/25 15:30	04/10/25 18:35	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 15:30	04/10/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/10/25 15:30*	*04/10/25 18:35*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/10/25 15:30*	*04/10/25 18:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.5**		9.98		mg/Kg			04/10/25 17:38	1

Client Sample ID: SW-84 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-83
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		04/10/25 09:53	04/10/25 22:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/10/25 22:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/10/25 22:58	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/25 09:53	04/10/25 22:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/10/25 22:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/25 09:53	04/10/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/10/25 22:58*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:53*	*04/10/25 22:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/10/25 22:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/10/25 19:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/10/25 15:30	04/10/25 19:24	1
Diesel Range Organics (Over C10-C28)	<50.3	U *+	50.3		mg/Kg		04/10/25 15:30	04/10/25 19:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-84 (4.5')

Lab Sample ID: 880-56700-83
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/10/25 15:30	04/10/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/10/25 15:30*	*04/10/25 19:24*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/10/25 15:30*	*04/10/25 19:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		9.96		mg/Kg			04/10/25 17:45	1

Client Sample ID: SW-85 (4.5')

Lab Sample ID: 880-56700-84
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/10/25 23:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/10/25 23:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/10/25 23:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/10/25 23:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/10/25 23:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/10/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 09:53*	*04/10/25 23:19*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 09:53*	*04/10/25 23:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 23:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/25 19:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/25 15:30	04/10/25 19:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/10/25 15:30	04/10/25 19:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 15:30	04/10/25 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/10/25 15:30*	*04/10/25 19:40*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/10/25 15:30*	*04/10/25 19:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		10.1		mg/Kg			04/10/25 17:52	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-86 (4.5')

Lab Sample ID: 880-56700-85
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/10/25 23:39	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/10/25 23:39	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/10/25 23:39	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:53	04/10/25 23:39	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/10/25 23:39	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:53	04/10/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/10/25 23:39*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:53*	*04/10/25 23:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/10/25 23:39	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			04/10/25 19:57	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	<49.6	U	49.6		mg/Kg		04/10/25 15:30	04/10/25 19:57	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/10/25 15:30	04/10/25 19:57	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 15:30	04/10/25 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/10/25 15:30*	*04/10/25 19:57*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*04/10/25 15:30*	*04/10/25 19:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		9.94		mg/Kg			04/10/25 17:59	1

Client Sample ID: SW-87 (4.5')

Lab Sample ID: 880-56700-86
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 00:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 00:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 00:00	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 00:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 00:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 09:53*	*04/11/25 00:00*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 09:53*	*04/11/25 00:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-87 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-86
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			04/11/25 00:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/10/25 20:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/10/25 15:30	04/10/25 20:13	1
Diesel Range Organics (Over C10-C28)	<50.3	U *+	50.3		mg/Kg		04/10/25 15:30	04/10/25 20:13	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/10/25 15:30	04/10/25 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*04/10/25 15:30*	*04/10/25 20:13*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/10/25 15:30*	*04/10/25 20:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		10.1		mg/Kg			04/10/25 18:21	1

Client Sample ID: SW-88 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-87
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		04/10/25 09:53	04/11/25 00:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 00:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 00:20	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 00:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 00:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 09:53*	*04/11/25 00:20*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 09:53*	*04/11/25 00:20*	*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			04/11/25 00:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 20:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 15:30	04/10/25 20:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/10/25 15:30	04/10/25 20:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-88 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-87
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:30	04/10/25 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/10/25 15:30*	*04/10/25 20:29*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/10/25 15:30*	*04/10/25 20:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.6**		9.96		mg/Kg			04/10/25 18:28	1

Client Sample ID: SW-89 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-88
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		04/10/25 09:53	04/11/25 00:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 00:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 00:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 00:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 00:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 09:53*	*04/11/25 00:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 09:53*	*04/11/25 00:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 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	<49.9	U	49.9		mg/Kg			04/10/25 20:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/25 15:30	04/10/25 20:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/10/25 15:30	04/10/25 20:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 15:30	04/10/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*04/10/25 15:30*	*04/10/25 20:46*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/10/25 15:30*	*04/10/25 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		9.98		mg/Kg			04/10/25 18:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-90 (4.5')

Lab Sample ID: 880-56700-89
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/11/25 01:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/11/25 01:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/11/25 01:01	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:53	04/11/25 01:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/11/25 01:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:53	04/11/25 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/11/25 01:01*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 09:53*	*04/11/25 01:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/25 01:01	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			04/10/25 21:02	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 15:30	04/10/25 21:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/10/25 15:30	04/10/25 21:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 15:30	04/10/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/10/25 15:30*	*04/10/25 21:02*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/10/25 15:30*	*04/10/25 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		9.94		mg/Kg			04/10/25 18:42	1

Client Sample ID: SW-91 (4.5')

Lab Sample ID: 880-56700-90
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 01:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 01:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 01:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 01:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 01:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 09:53*	*04/11/25 01:22*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:53*	*04/11/25 01:22*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-91 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-90
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 01:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/25 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	<50.2	U	50.2		mg/Kg		04/10/25 15:30	04/10/25 21:20	1
Diesel Range Organics (Over C10-C28)	<50.2	U *+	50.2		mg/Kg		04/10/25 15:30	04/10/25 21:20	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/10/25 15:30	04/10/25 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/10/25 15:30*	*04/10/25 21:20*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/10/25 15:30*	*04/10/25 21:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		10.1		mg/Kg			04/10/25 18:49	1

Client Sample ID: SW-92 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-91
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		04/10/25 09:53	04/11/25 02:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 02:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 02:45	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 02:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 02:45	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/11/25 02:45*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/11/25 02:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 02:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/10/25 21:37	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	<49.6	U	49.6		mg/Kg		04/10/25 15:30	04/10/25 21:37	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/10/25 15:30	04/10/25 21:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-92 (4.5')

Lab Sample ID: 880-56700-91
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 15:30	04/10/25 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*04/10/25 15:30*	*04/10/25 21:37*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/10/25 15:30*	*04/10/25 21:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		10.1		mg/Kg			04/10/25 18:57	1

Client Sample ID: SW-93 (4.5')

Lab Sample ID: 880-56700-92
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 03:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 03:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 03:05	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 03:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 03:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/11/25 03:05*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 09:53*	*04/11/25 03:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 03:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/10/25 22:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 15:30	04/10/25 22:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/10/25 15:30	04/10/25 22:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 15:30	04/10/25 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/10/25 15:30*	*04/10/25 22:09*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/10/25 15:30*	*04/10/25 22:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		10.0		mg/Kg			04/10/25 19:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-94 (4.5')

Lab Sample ID: 880-56700-93
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 03:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 03:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 03:26	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 03:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 03:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 09:53*	*04/11/25 03:26*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/11/25 03:26*	*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			04/11/25 03:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 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	<49.7	U	49.7		mg/Kg		04/10/25 15:30	04/10/25 22:25	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/10/25 15:30	04/10/25 22:25	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:30	04/10/25 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/10/25 15:30*	*04/10/25 22:25*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/10/25 15:30*	*04/10/25 22:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.1		mg/Kg			04/10/25 19:25	1

Client Sample ID: SW-95 (4.5')

Lab Sample ID: 880-56700-94
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:53	04/11/25 03:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:53	04/11/25 03:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:53	04/11/25 03:46	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/10/25 09:53	04/11/25 03:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/25 09:53	04/11/25 03:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/25 09:53	04/11/25 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 09:53*	*04/11/25 03:46*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 09:53*	*04/11/25 03:46*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-95 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-94
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/11/25 03:46	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			04/10/25 22:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/10/25 15:30	04/10/25 22:42	1
Diesel Range Organics (Over C10-C28)	<50.4	U *+	50.4		mg/Kg		04/10/25 15:30	04/10/25 22:42	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 15:30	04/10/25 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/10/25 15:30*	*04/10/25 22:42*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/10/25 15:30*	*04/10/25 22:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		10.1		mg/Kg			04/10/25 19:47	1

Client Sample ID: SW-96 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-95
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		04/10/25 09:53	04/11/25 04:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 04:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 04:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 04:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 04:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 09:53*	*04/11/25 04:07*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 09:53*	*04/11/25 04:07*	*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			04/11/25 04:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/10/25 22:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/25 15:30	04/10/25 22:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/10/25 15:30	04/10/25 22:58	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-96 (4.5')

Lab Sample ID: 880-56700-95
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 15:30	04/10/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/25 15:30*	*04/10/25 22:58*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/10/25 15:30*	*04/10/25 22:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		10.0		mg/Kg			04/10/25 19:54	1

Client Sample ID: SW-97 (4.5')

Lab Sample ID: 880-56700-96
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:53	04/11/25 04:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:53	04/11/25 04:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:53	04/11/25 04:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 09:53	04/11/25 04:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 09:53	04/11/25 04:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 09:53	04/11/25 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 09:53*	*04/11/25 04:27*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/11/25 04:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/11/25 04:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/10/25 23:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/10/25 15:30	04/10/25 23:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U *+	50.2		mg/Kg		04/10/25 15:30	04/10/25 23:16	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/10/25 15:30	04/10/25 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*04/10/25 15:30*	*04/10/25 23:16*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/10/25 15:30*	*04/10/25 23:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		10.1		mg/Kg			04/10/25 20:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-98 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-97
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		04/10/25 09:53	04/11/25 04:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 04:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 04:48	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 04:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 04:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 04:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 09:53*	*04/11/25 04:48*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/11/25 04:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 04:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/10/25 23:32	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	<49.7	U	49.7		mg/Kg		04/10/25 15:30	04/10/25 23:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/10/25 15:30	04/10/25 23:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:30	04/10/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/10/25 15:30*	*04/10/25 23:32*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/10/25 15:30*	*04/10/25 23:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		10.1		mg/Kg			04/10/25 20:09	1

Client Sample ID: SW-99 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-98
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		04/10/25 09:53	04/11/25 05:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 05:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 05:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 05:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 09:53	04/11/25 05:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 09:53	04/11/25 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 09:53*	*04/11/25 05:08*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 09:53*	*04/11/25 05:08*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-99 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-98
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 05:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/10/25 23:48	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	<50.0	U	50.0		mg/Kg		04/10/25 15:30	04/10/25 23:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/10/25 15:30	04/10/25 23:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 15:30	04/10/25 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/10/25 15:30*	*04/10/25 23:48*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/10/25 15:30*	*04/10/25 23:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		10.0		mg/Kg			04/10/25 20:16	1

Client Sample ID: SW-100 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-99
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/11/25 05:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/11/25 05:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/11/25 05:29	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 09:53	04/11/25 05:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 09:53	04/11/25 05:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 09:53	04/11/25 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 09:53*	*04/11/25 05:29*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 09:53*	*04/11/25 05:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/25 05:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 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	<49.7	U	49.7		mg/Kg		04/10/25 15:30	04/11/25 00:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/10/25 15:30	04/11/25 00:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-100 (4.5')

Lab Sample ID: 880-56700-99
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:30	04/11/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/10/25 15:30*	*04/11/25 00:04*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/10/25 15:30*	*04/11/25 00:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		10.0		mg/Kg			04/10/25 20:23	1

Client Sample ID: SW-101 (4.5')

Lab Sample ID: 880-56700-100
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 05:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 05:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 05:49	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 05:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/11/25 05:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 09:53	04/11/25 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 09:53*	*04/11/25 05:49*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 09:53*	*04/11/25 05:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 05:49	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			04/11/25 00:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/10/25 15:30	04/11/25 00:37	1
Diesel Range Organics (Over C10-C28)	<50.4	U *+	50.4		mg/Kg		04/10/25 15:30	04/11/25 00:37	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 15:30	04/11/25 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*04/10/25 15:30*	*04/11/25 00:37*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*04/10/25 15:30*	*04/11/25 00:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		10.1		mg/Kg			04/10/25 20:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-102 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-101
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00353**		0.00201		mg/Kg		04/10/25 10:15	04/10/25 22:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:15	04/10/25 22:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:15	04/10/25 22:52	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 10:15	04/10/25 22:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:15	04/10/25 22:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 10:15	04/10/25 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/25 10:15*	*04/10/25 22:52*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*04/10/25 10:15*	*04/10/25 22:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 22:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/25 00:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 15:30	04/11/25 00:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+	49.8		mg/Kg		04/10/25 15:30	04/11/25 00:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 15:30	04/11/25 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/10/25 15:30*	*04/11/25 00:53*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/10/25 15:30*	*04/11/25 00:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**	**F1**	10.1		mg/Kg			04/10/25 19:34	1

Client Sample ID: SW-103 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-102
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		04/10/25 10:15	04/10/25 23:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/10/25 23:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/10/25 23:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/10/25 23:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/10/25 23:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/10/25 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 10:15*	*04/10/25 23:12*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*04/10/25 10:15*	*04/10/25 23:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-103 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-102
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 23:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/11/25 02:50	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		04/10/25 15:36	04/11/25 02:50	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/10/25 15:36	04/11/25 02:50	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/10/25 15:36	04/11/25 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/10/25 15:36*	*04/11/25 02:50*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/10/25 15:36*	*04/11/25 02:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		10.1		mg/Kg			04/10/25 19:56	1

Client Sample ID: SW-104 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-103
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00210**		0.00200		mg/Kg		04/10/25 10:15	04/10/25 23:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/10/25 23:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/10/25 23:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/25 10:15	04/10/25 23:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/10/25 23:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/25 10:15	04/10/25 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 10:15*	*04/10/25 23:33*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*04/10/25 10:15*	*04/10/25 23:33*	*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			04/10/25 23:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 03:37	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		04/10/25 15:36	04/11/25 03:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 03:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-104 (4.5')

Lab Sample ID: 880-56700-103
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/10/25 15:36*	*04/11/25 03:37*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/10/25 15:36*	*04/11/25 03:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.4**		9.98		mg/Kg			04/10/25 20:04	1

Client Sample ID: SW-105 (4.5')

Lab Sample ID: 880-56700-104
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/10/25 23:53	1
Toluene	**0.00274**		0.00199		mg/Kg		04/10/25 10:15	04/10/25 23:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/10/25 23:53	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/10/25 23:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/10/25 23:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/10/25 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 10:15*	*04/10/25 23:53*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 10:15*	*04/10/25 23:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 23:53	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			04/11/25 03:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 15:36	04/11/25 03:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 15:36	04/11/25 03:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 15:36	04/11/25 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*04/10/25 15:36*	*04/11/25 03:54*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/10/25 15:36*	*04/11/25 03:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.1**		9.94		mg/Kg			04/10/25 20:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-106 (4.5')

Lab Sample ID: 880-56700-105
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 00:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 00:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 00:14	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 10:15	04/11/25 00:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 00:14	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 10:15	04/11/25 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 10:15*	*04/11/25 00:14*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 10:15*	*04/11/25 00:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/25 00:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 04:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 15:36	04/11/25 04:11	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 15:36	04/11/25 04:11	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 15:36	04/11/25 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/10/25 15:36*	*04/11/25 04:11*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/10/25 15:36*	*04/11/25 04:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		10.1		mg/Kg			04/10/25 20:19	1

Client Sample ID: SW-107 (4.5')

Lab Sample ID: 880-56700-106
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 00:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 00:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 00:34	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 00:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 00:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 10:15*	*04/11/25 00:34*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*04/10/25 10:15*	*04/11/25 00:34*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-107 (4.5')

Lab Sample ID: 880-56700-106
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 00:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 04:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 04:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 04:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/10/25 15:36*	*04/11/25 04:26*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/10/25 15:36*	*04/11/25 04:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.6**		10.1		mg/Kg			04/10/25 20:41	1

Client Sample ID: SW-108 (4.5')

Lab Sample ID: 880-56700-107
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 00:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 00:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 00:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 00:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 00:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 10:15*	*04/11/25 00:55*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 10:15*	*04/11/25 00:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 00:55	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			04/11/25 04:44	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		04/10/25 15:36	04/11/25 04:44	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/10/25 15:36	04/11/25 04:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-108 (4.5')

Lab Sample ID: 880-56700-107
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/10/25 15:36	04/11/25 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*04/10/25 15:36*	*04/11/25 04:44*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/25 15:36*	*04/11/25 04:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.4**		9.98		mg/Kg			04/10/25 20:49	1

Client Sample ID: SW-109 (4.5')

Lab Sample ID: 880-56700-108
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 01:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 01:15	1
Ethylbenzene	**0.00377**		0.00199		mg/Kg		04/10/25 10:15	04/11/25 01:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 01:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 01:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/10/25 10:15*	*04/11/25 01:15*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/10/25 10:15*	*04/11/25 01:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 01:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 04:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 04:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 04:59	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/10/25 15:36*	*04/11/25 04:59*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/10/25 15:36*	*04/11/25 04:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.9**		9.94		mg/Kg			04/10/25 20:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-110 (4.5')

Lab Sample ID: 880-56700-109
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 01:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 01:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 01:36	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 10:15	04/11/25 01:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 01:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 10:15	04/11/25 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 10:15*	*04/11/25 01:36*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/10/25 10:15*	*04/11/25 01:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/25 01:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 05:15	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	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 05:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 05:15	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/10/25 15:36*	*04/11/25 05:15*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/10/25 15:36*	*04/11/25 05:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		10.1		mg/Kg			04/10/25 21:04	1

Client Sample ID: SW-111 (4.5')

Lab Sample ID: 880-56700-110
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 01:56	1
Toluene	**0.00361**		0.00199		mg/Kg		04/10/25 10:15	04/11/25 01:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 01:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 01:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 01:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/10/25 10:15*	*04/11/25 01:56*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 10:15*	*04/11/25 01:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-111 (4.5')

Lab Sample ID: 880-56700-110
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 01:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/11/25 05:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/10/25 15:36	04/11/25 05:31	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/10/25 15:36	04/11/25 05:31	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 15:36	04/11/25 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/10/25 15:36*	*04/11/25 05:31*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/25 15:36*	*04/11/25 05:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		10.0		mg/Kg			04/10/25 21:11	1

Client Sample ID: SW-112 (4.5')

Lab Sample ID: 880-56700-111
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 03:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 03:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 03:30	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 03:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 03:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/10/25 10:15*	*04/11/25 03:30*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*04/10/25 10:15*	*04/11/25 03:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 03:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/11/25 05:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/10/25 15:36	04/11/25 05:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/10/25 15:36	04/11/25 05:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-112 (4.5')

Lab Sample ID: 880-56700-111
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/10/25 15:36	04/11/25 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/10/25 15:36*	*04/11/25 05:47*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/25 15:36*	*04/11/25 05:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**126**	**F1**	10.0		mg/Kg			04/10/25 21:19	1

Client Sample ID: SW-113 (4.5')

Lab Sample ID: 880-56700-112
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00203**		0.00200		mg/Kg		04/10/25 10:15	04/11/25 03:51	1
Toluene	**0.00269**		0.00200		mg/Kg		04/10/25 10:15	04/11/25 03:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 03:51	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 03:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 03:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 10:15*	*04/11/25 03:51*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/10/25 10:15*	*04/11/25 03:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00472**		0.00401		mg/Kg			04/11/25 03:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 06:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/10/25 15:36	04/11/25 06:19	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/10/25 15:36	04/11/25 06:19	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/10/25 15:36	04/11/25 06:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/25 15:36*	*04/11/25 06:19*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/10/25 15:36*	*04/11/25 06:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		10.1		mg/Kg			04/10/25 21:41	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-114 (4.5')

Lab Sample ID: 880-56700-113
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 04:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 04:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 04:11	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 04:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 04:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 10:15*	*04/11/25 04:11*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/10/25 10:15*	*04/11/25 04:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 04:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/11/25 06:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/10/25 15:36	04/11/25 06:36	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/10/25 15:36	04/11/25 06:36	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/10/25 15:36	04/11/25 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/10/25 15:36*	*04/11/25 06:36*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/10/25 15:36*	*04/11/25 06:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**143**		10.1		mg/Kg			04/10/25 21:49	1

Client Sample ID: SW-115 (4.5')

Lab Sample ID: 880-56700-114
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/10/25 10:15	04/11/25 04:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/25 10:15	04/11/25 04:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/25 10:15	04/11/25 04:32	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/10/25 10:15	04/11/25 04:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/25 10:15	04/11/25 04:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/25 10:15	04/11/25 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/10/25 10:15*	*04/11/25 04:32*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 10:15*	*04/11/25 04:32*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-115 (4.5')

Lab Sample ID: 880-56700-114
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/11/25 04:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 06:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 06:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 06:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*04/10/25 15:36*	*04/11/25 06:52*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*04/10/25 15:36*	*04/11/25 06:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		10.0		mg/Kg			04/10/25 22:11	1

Client Sample ID: SW-116 (4.5')

Lab Sample ID: 880-56700-115
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00232**		0.00199		mg/Kg		04/10/25 10:15	04/11/25 04:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 04:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 04:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 04:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 04:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 10:15*	*04/11/25 04:52*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/10/25 10:15*	*04/11/25 04:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 04:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/11/25 07:08	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	<50.3	U	50.3		mg/Kg		04/10/25 15:36	04/11/25 07:08	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/10/25 15:36	04/11/25 07:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-116 (4.5')

Lab Sample ID: 880-56700-115
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/10/25 15:36	04/11/25 07:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/10/25 15:36*	*04/11/25 07:08*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/25 15:36*	*04/11/25 07:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		9.96		mg/Kg			04/10/25 22:18	1

Client Sample ID: SW-117 (4.5')

Lab Sample ID: 880-56700-116
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:15	04/11/25 05:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:15	04/11/25 05:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:15	04/11/25 05:13	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 10:15	04/11/25 05:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:15	04/11/25 05:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 10:15	04/11/25 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 10:15*	*04/11/25 05:13*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/10/25 10:15*	*04/11/25 05:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/11/25 05:13	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			04/11/25 07:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 07:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 07:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/25 15:36*	*04/11/25 07:24*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/10/25 15:36*	*04/11/25 07:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.4**		10.1		mg/Kg			04/10/25 22:26	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-118 (4.5')

Lab Sample ID: 880-56700-117
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 05:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 05:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 05:33	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 05:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 05:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 05:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/10/25 10:15*	*04/11/25 05:33*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 10:15*	*04/11/25 05:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 05:33	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			04/11/25 07:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 07:40	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 07:40	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/10/25 15:36	04/11/25 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*04/10/25 15:36*	*04/11/25 07:40*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/10/25 15:36*	*04/11/25 07:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		10.0		mg/Kg			04/10/25 22:33	1

Client Sample ID: SW-119 (4.5')

Lab Sample ID: 880-56700-118
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 05:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 05:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 05:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 05:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:15	04/11/25 05:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:15	04/11/25 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 10:15*	*04/11/25 05:54*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 10:15*	*04/11/25 05:54*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-119 (4.5')

Lab Sample ID: 880-56700-118
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 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			04/11/25 07:57	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	<50.2	U	50.2		mg/Kg		04/10/25 15:36	04/11/25 07:57	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/10/25 15:36	04/11/25 07:57	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/10/25 15:36	04/11/25 07:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/10/25 15:36*	*04/11/25 07:57*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/10/25 15:36*	*04/11/25 07:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		9.94		mg/Kg			04/10/25 22:41	1

Client Sample ID: SW-120 (4.5')

Lab Sample ID: 880-56700-119
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 06:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 06:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 06:14	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 10:15	04/11/25 06:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:15	04/11/25 06:14	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 10:15	04/11/25 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/10/25 10:15*	*04/11/25 06:14*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/10/25 10:15*	*04/11/25 06:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/25 06:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 08:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 08:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 08:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-120 (4.5')

Lab Sample ID: 880-56700-119
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/10/25 15:36	04/11/25 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/10/25 15:36*	*04/11/25 08:13*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/10/25 15:36*	*04/11/25 08:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.3**		9.90		mg/Kg			04/10/25 22:48	1

Client Sample ID: SW-121 (4.5')

Lab Sample ID: 880-56700-120
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 06:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 06:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 06:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 06:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/11/25 06:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:15	04/11/25 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 10:15*	*04/11/25 06:35*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 10:15*	*04/11/25 06:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 06:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/25 08:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 15:36	04/11/25 08:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 15:36	04/11/25 08:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 15:36	04/11/25 08:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/10/25 15:36*	*04/11/25 08:29*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/10/25 15:36*	*04/11/25 08:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.6**		10.1		mg/Kg			04/10/25 22:56	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-122 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-121

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		04/10/25 10:18	04/10/25 22:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:18	04/10/25 22:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:18	04/10/25 22:52	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/10/25 10:18	04/10/25 22:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/10/25 10:18	04/10/25 22:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/10/25 10:18	04/10/25 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 10:18*	*04/10/25 22:52*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 10:18*	*04/10/25 22:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/10/25 22:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/11/25 08:44	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		04/10/25 15:36	04/11/25 08:44	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/10/25 15:36	04/11/25 08:44	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/10/25 15:36	04/11/25 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/10/25 15:36*	*04/11/25 08:44*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/10/25 15:36*	*04/11/25 08:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.7**	**F1**	9.98		mg/Kg			04/10/25 19:56	1

Client Sample ID: SW-123 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-122

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		04/10/25 10:18	04/10/25 23:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/10/25 23:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/10/25 23:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/10/25 23:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/10/25 23:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/10/25 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 10:18*	*04/10/25 23:13*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 10:18*	*04/10/25 23:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-123 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-122
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 23:13	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			04/11/25 19:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/11/25 08:04	04/11/25 19:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/11/25 08:04	04/11/25 19:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/11/25 08:04	04/11/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/11/25 08:04*	*04/11/25 19:06*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/11/25 08:04*	*04/11/25 19:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		10.1		mg/Kg			04/10/25 20:13	1

Client Sample ID: SW-124 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-123
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		04/10/25 10:18	04/10/25 23:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/10/25 23:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/10/25 23:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/10/25 10:18	04/10/25 23:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/10/25 23:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/10/25 10:18	04/10/25 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/10/25 10:18*	*04/10/25 23:33*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 10:18*	*04/10/25 23:33*	*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			04/10/25 23:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/11/25 19:55	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	<50.3	U	50.3		mg/Kg		04/11/25 08:04	04/11/25 19:55	1
Diesel Range Organics (Over C10-C28)	<50.3	U *+	50.3		mg/Kg		04/11/25 08:04	04/11/25 19:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-124 (4.5')

Lab Sample ID: 880-56700-123
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/11/25 08:04	04/11/25 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/11/25 08:04*	*04/11/25 19:55*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/11/25 08:04*	*04/11/25 19:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		10.1		mg/Kg			04/10/25 20:19	1

Client Sample ID: SW-125 (4.5')

Lab Sample ID: 880-56700-124
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/10/25 23:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/10/25 23:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/10/25 23:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/10/25 23:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/10/25 23:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/10/25 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 10:18*	*04/10/25 23:54*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 10:18*	*04/10/25 23:54*	*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			04/10/25 23:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/11/25 20:11	1

Method: SW846 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		04/11/25 08:04	04/11/25 20:11	1
Diesel Range Organics (Over C10-C28)	<50.3	U *+	50.3		mg/Kg		04/11/25 08:04	04/11/25 20:11	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/11/25 08:04	04/11/25 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/11/25 08:04*	*04/11/25 20:11*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/11/25 08:04*	*04/11/25 20:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.5**		9.96		mg/Kg			04/10/25 20:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-126 (4.5')

Lab Sample ID: 880-56700-125
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:18	04/11/25 00:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:18	04/11/25 00:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:18	04/11/25 00:14	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 10:18	04/11/25 00:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:18	04/11/25 00:14	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 10:18	04/11/25 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/25 10:18*	*04/11/25 00:14*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 10:18*	*04/11/25 00:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/25 00:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 20:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/11/25 08:04	04/11/25 20:27	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/11/25 08:04	04/11/25 20:27	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/11/25 08:04	04/11/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/11/25 08:04*	*04/11/25 20:27*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*04/11/25 08:04*	*04/11/25 20:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.0**		10.1		mg/Kg			04/10/25 20:31	1

Client Sample ID: SW-127 (4.5')

Lab Sample ID: 880-56700-126
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 00:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 00:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 00:35	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:18	04/11/25 00:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 00:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:18	04/11/25 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 10:18*	*04/11/25 00:35*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 10:18*	*04/11/25 00:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-127 (4.5')

Lab Sample ID: 880-56700-126
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 00:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 20:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/11/25 08:04	04/11/25 20:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/11/25 08:04	04/11/25 20:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/11/25 08:04	04/11/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/11/25 08:04*	*04/11/25 20:43*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*04/11/25 08:04*	*04/11/25 20:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.0		mg/Kg			04/10/25 20:48	1

Client Sample ID: SW-128 (4.5')

Lab Sample ID: 880-56700-127
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 00:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 00:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 00:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/11/25 00:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 00:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/11/25 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/10/25 10:18*	*04/11/25 00:55*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 10:18*	*04/11/25 00:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 00:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/11/25 21:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/11/25 08:04	04/11/25 21:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		04/11/25 08:04	04/11/25 21:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-128 (4.5')

Lab Sample ID: 880-56700-127
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/11/25 08:04	04/11/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/11/25 08:04*	*04/11/25 21:00*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*04/11/25 08:04*	*04/11/25 21:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.1**		9.98		mg/Kg			04/10/25 20:53	1

Client Sample ID: SW-129 (4.5')

Lab Sample ID: 880-56700-128
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 01:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 01:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 01:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/11/25 01:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 01:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/11/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 10:18*	*04/11/25 01:16*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/10/25 10:18*	*04/11/25 01:16*	*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			04/11/25 01:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 21:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/11/25 08:04	04/11/25 21:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/11/25 08:04	04/11/25 21:16	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/11/25 08:04	04/11/25 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/11/25 08:04*	*04/11/25 21:16*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/11/25 08:04*	*04/11/25 21:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.7**		9.96		mg/Kg			04/10/25 20:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-130 (4.5')

Lab Sample ID: 880-56700-129
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:18	04/11/25 01:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:18	04/11/25 01:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:18	04/11/25 01:36	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/10/25 10:18	04/11/25 01:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/10/25 10:18	04/11/25 01:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/10/25 10:18	04/11/25 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/10/25 10:18*	*04/11/25 01:36*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/10/25 10:18*	*04/11/25 01:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/11/25 01:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/11/25 21:32	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	<49.7	U	49.7		mg/Kg		04/11/25 08:04	04/11/25 21:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U *+	49.7		mg/Kg		04/11/25 08:04	04/11/25 21:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/11/25 08:04	04/11/25 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/11/25 08:04*	*04/11/25 21:32*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/11/25 08:04*	*04/11/25 21:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.6**		10.1		mg/Kg			04/10/25 21:05	1

Client Sample ID: SW-131 (4.5')

Lab Sample ID: 880-56700-130
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 01:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 01:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 01:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/11/25 01:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 10:18	04/11/25 01:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 10:18	04/11/25 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/10/25 10:18*	*04/11/25 01:57*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 10:18*	*04/11/25 01:57*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-131 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-130
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/11/25 01:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 21:48	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	<49.6	U	49.6		mg/Kg		04/11/25 08:04	04/11/25 21:48	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/11/25 08:04	04/11/25 21:48	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/11/25 08:04	04/11/25 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/11/25 08:04*	*04/11/25 21:48*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/11/25 08:04*	*04/11/25 21:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.0**		10.1		mg/Kg			04/10/25 21:11	1

Client Sample ID: SW-132 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-131
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		04/10/25 10:18	04/11/25 03:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 03:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 03:30	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:18	04/11/25 03:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 03:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:18	04/11/25 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/10/25 10:18*	*04/11/25 03:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 10:18*	*04/11/25 03:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 03:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/25 22:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/11/25 08:04	04/11/25 22:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/11/25 08:04	04/11/25 22:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-132 (4.5')

Lab Sample ID: 880-56700-131
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/11/25 08:04	04/11/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/11/25 08:04*	*04/11/25 22:05*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/11/25 08:04*	*04/11/25 22:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.2**		9.98		mg/Kg			04/10/25 21:16	1

Client Sample ID: SW-133 (4.5')

Lab Sample ID: 880-56700-132
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 03:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 03:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 03:51	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:18	04/11/25 03:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 03:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:18	04/11/25 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/10/25 10:18*	*04/11/25 03:51*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 10:18*	*04/11/25 03:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 03:51	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			04/11/25 22:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		04/11/25 08:04	04/11/25 22:38	1
Diesel Range Organics (Over C10-C28)	<50.3	U *+	50.3		mg/Kg		04/11/25 08:04	04/11/25 22:38	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/11/25 08:04	04/11/25 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*04/11/25 08:04*	*04/11/25 22:38*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/11/25 08:04*	*04/11/25 22:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.6**		10.0		mg/Kg			04/10/25 21:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-134 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-133

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		04/10/25 10:18	04/11/25 04:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 04:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 04:12	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/10/25 10:18	04/11/25 04:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/11/25 04:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/10/25 10:18	04/11/25 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 10:18*	*04/11/25 04:12*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/10/25 10:18*	*04/11/25 04:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			04/11/25 04:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 22:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/11/25 08:04	04/11/25 22:54	1
Diesel Range Organics (Over C10-C28)	<49.6	U *+	49.6		mg/Kg		04/11/25 08:04	04/11/25 22:54	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/11/25 08:04	04/11/25 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/11/25 08:04*	*04/11/25 22:54*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/11/25 08:04*	*04/11/25 22:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.9**		10.1		mg/Kg			04/10/25 21:39	1

Client Sample ID: SW-135 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-134

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		04/10/25 10:18	04/11/25 04:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/10/25 10:18	04/11/25 04:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/10/25 10:18	04/11/25 04:32	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/10/25 10:18	04/11/25 04:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/10/25 10:18	04/11/25 04:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/10/25 10:18	04/11/25 04:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*04/10/25 10:18*	*04/11/25 04:32*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 10:18*	*04/11/25 04:32*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-135 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-134

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			04/11/25 04:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/11/25 23:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/11/25 08:04	04/11/25 23:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0		mg/Kg		04/11/25 08:04	04/11/25 23:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/11/25 08:04	04/11/25 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*04/11/25 08:04*	*04/11/25 23:11*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/11/25 08:04*	*04/11/25 23:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		9.96		mg/Kg			04/10/25 21:57	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-56700-1	SW-2 (2.5')	127	105										
880-56700-2	SW-3 (2.5')	119	102										
880-56700-3	SW-4 (2.5')	120	114										
880-56700-4	SW-5 (2.5')	126	104										
880-56700-5	SW-6 (2.5')	92	99										
880-56700-6	SW-7 (2.5')	111	109										
880-56700-7	SW-8 (2.5')	105	105										
880-56700-8	SW-9 (2')	109	108										
880-56700-9	SW-10 (4.5')	110	102										
880-56700-10	SW-11 (4.5')	117	111										
880-56700-11	SW-12 (4.5')	124	110										
880-56700-12	SW-13 (4.5')	116	104										
880-56700-13	SW-14 (4.5')	128	106										
880-56700-14	SW-15 (4.5')	121	102										
880-56700-15	SW-16 (4.5')	95	94										
880-56700-16	SW-17 (4.5')	104	101										
880-56700-17	SW-18 (4.5')	101	91										
880-56700-18	SW-19 (4.5')	117	83										
880-56700-19	SW-20 (4.5')	91	100										
880-56700-20	SW-21 (4.5')	98	108										
880-56700-21	SW-22 (4.5')	103	94										
880-56700-22	SW-23 (4.5')	98	95										
880-56700-23	SW-24 (4.5')	102	92										
880-56700-24	SW-25 (4.5')	109	99										
880-56700-25	SW-26 (4.5')	108	97										
880-56700-26	SW-27 (4.5')	104	93										
880-56700-27	SW-28 (4.5')	96	92										
880-56700-28	SW-29 (4.5')	103	102										
880-56700-29	SW-30 (4.5')	104	102										
880-56700-30	SW-31 (4.5')	104	98										
880-56700-31	SW-32 (4.5')	105	102										
880-56700-32	SW-33 (4.5')	105	99										
880-56700-33	SW-34 (4.5')	103	100										
880-56700-34	SW-35 (4.5')	102	101										
880-56700-35	SW-36 (4.5')	106	103										
880-56700-36	SW-37 (4.5')	104	98										
880-56700-37	SW-38 (4.5')	107	99										
880-56700-38	SW-39 (4.5')	105	101										
880-56700-39	SW-40 (4.5')	107	99										
880-56700-40	SW-41 (4.5')	110	99										
880-56700-41	SW-42 (4.5')	96	87										
880-56700-41 MS	SW-42 (4.5')	103	94										
880-56700-41 MSD	SW-42 (4.5')	109	81										
880-56700-42	SW-43 (4.5')	105	93										
880-56700-43	SW-44 (4.5')	101	91										
880-56700-44	SW-45 (4.5')	107	91										
880-56700-45	SW-46 (4.5')	99	91										
880-56700-46	SW-47 (4.5')	100	90										
880-56700-47	SW-48 (1')	99	89										

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-56700-48	SW-49 (3.5')	102	93								
880-56700-49	SW-50 (3.5')	98	91								
880-56700-50	SW-51 (3.5')	104	92								
880-56700-51	SW-52 (3.5')	107	94								
880-56700-52	SW-53 (3.5')	103	92								
880-56700-53	SW-54 (3.5')	96	91								
880-56700-54	SW-55 (3.5')	103	92								
880-56700-55	SW-56 (3.5')	98	93								
880-56700-56	SW-57 (3.5')	100	90								
880-56700-57	SW-58 (1')	102	93								
880-56700-58	SW-59 (4.5')	99	87								
880-56700-59	SW-60 (4.5')	101	91								
880-56700-60	SW-61 (4.5')	101	87								
880-56700-61	SW-62 (4.5')	92	97								
880-56700-61 MS	SW-62 (4.5')	106	100								
880-56700-61 MSD	SW-62 (4.5')	95	100								
880-56700-62	SW-63 (4.5')	95	97								
880-56700-63	SW-64 (4.5')	95	97								
880-56700-64	SW-65 (4.5')	96	91								
880-56700-65	SW-66 (4.5')	97	96								
880-56700-66	SW-67 (4.5')	94	97								
880-56700-67	SW-68 (4.5')	91	93								
880-56700-68	SW-69 (4.5')	92	96								
880-56700-69	SW-70 (4.5')	93	96								
880-56700-70	SW-71 (4.5')	94	95								
880-56700-71	SW-72 (4.5')	91	95								
880-56700-72	SW-73 (4.5')	96	98								
880-56700-73	SW-74 (4.5')	91	91								
880-56700-74	SW-75 (4.5')	93	97								
880-56700-75	SW-76 (4.5')	92	93								
880-56700-76	SW-77 (4.5')	88	96								
880-56700-77	SW-78 (4.5')	95	97								
880-56700-78	SW-79 (4.5')	90	94								
880-56700-79	SW-80 (4.5')	96	96								
880-56700-80	SW-81 (4.5')	94	97								
880-56700-81	SW-82 (4.5')	102	98								
880-56700-81 MS	SW-82 (4.5')	100	99								
880-56700-81 MSD	SW-82 (4.5')	102	102								
880-56700-82	SW-83 (4.5')	99	99								
880-56700-83	SW-84 (4.5')	102	97								
880-56700-84	SW-85 (4.5')	95	100								
880-56700-85	SW-86 (4.5')	102	97								
880-56700-86	SW-87 (4.5')	99	99								
880-56700-87	SW-88 (4.5')	100	99								
880-56700-88	SW-89 (4.5')	101	98								
880-56700-89	SW-90 (4.5')	102	98								
880-56700-90	SW-91 (4.5')	103	97								
880-56700-91	SW-92 (4.5')	102	102								
880-56700-92	SW-93 (4.5')	102	101								
880-56700-93	SW-94 (4.5')	105	102								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56700-1
Project/Site: NGL-Tie In
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-56700-94	SW-95 (4.5')	103	101								
880-56700-95	SW-96 (4.5')	100	98								
880-56700-96	SW-97 (4.5')	103	102								
880-56700-97	SW-98 (4.5')	100	102								
880-56700-98	SW-99 (4.5')	101	103								
880-56700-99	SW-100 (4.5')	102	101								
880-56700-100	SW-101 (4.5')	105	97								
880-56700-101	SW-102 (4.5')	107	80								
880-56700-101 MS	SW-102 (4.5')	121	109								
880-56700-101 MSD	SW-102 (4.5')	104	121								
880-56700-102	SW-103 (4.5')	101	109								
880-56700-103	SW-104 (4.5')	103	110								
880-56700-104	SW-105 (4.5')	103	97								
880-56700-105	SW-106 (4.5')	95	95								
880-56700-106	SW-107 (4.5')	96	88								
880-56700-107	SW-108 (4.5')	100	102								
880-56700-108	SW-109 (4.5')	109	90								
880-56700-109	SW-110 (4.5')	93	87								
880-56700-110	SW-111 (4.5')	110	103								
880-56700-111	SW-112 (4.5')	116	79								
880-56700-112	SW-113 (4.5')	100	89								
880-56700-113	SW-114 (4.5')	93	89								
880-56700-114	SW-115 (4.5')	114	98								
880-56700-115	SW-116 (4.5')	103	97								
880-56700-116	SW-117 (4.5')	103	93								
880-56700-117	SW-118 (4.5')	115	96								
880-56700-118	SW-119 (4.5')	100	102								
880-56700-119	SW-120 (4.5')	105	90								
880-56700-120	SW-121 (4.5')	96	95								
880-56700-121	SW-122 (4.5')	104	100								
880-56700-121 MS	SW-122 (4.5')	104	99								
880-56700-121 MSD	SW-122 (4.5')	98	102								
880-56700-122	SW-123 (4.5')	104	101								
880-56700-123	SW-124 (4.5')	108	99								
880-56700-124	SW-125 (4.5')	102	101								
880-56700-125	SW-126 (4.5')	107	99								
880-56700-126	SW-127 (4.5')	102	102								
880-56700-127	SW-128 (4.5')	106	99								
880-56700-128	SW-129 (4.5')	102	98								
880-56700-129	SW-130 (4.5')	106	100								
880-56700-130	SW-131 (4.5')	108	99								
880-56700-131	SW-132 (4.5')	103	99								
880-56700-132	SW-133 (4.5')	111	101								
880-56700-133	SW-134 (4.5')	102	101								
880-56700-134	SW-135 (4.5')	107	99								
890-7923-A-19-C MS	Matrix Spike	106	104								
890-7923-A-19-D MSD	Matrix Spike Duplicate	110	94								
LCS 880-107296/1-A	Lab Control Sample	103	104								
LCS 880-107298/1-A	Lab Control Sample	100	111								
LCS 880-107302/1-A	Lab Control Sample	86	87								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56700-1
Project/Site: NGL-Tie In
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCS 880-107317/1-A	Lab Control Sample	103	93
LCS 880-107318/1-A	Lab Control Sample	111	109
LCS 880-107319/1-A	Lab Control Sample	96	102
LCS 880-107330/1-A	Lab Control Sample	94	116
LCS 880-107331/1-A	Lab Control Sample	105	101
LCSD 880-107296/2-A	Lab Control Sample Dup	100	101
LCSD 880-107298/2-A	Lab Control Sample Dup	94	113
LCSD 880-107302/2-A	Lab Control Sample Dup	100	96
LCSD 880-107317/2-A	Lab Control Sample Dup	109	93
LCSD 880-107318/2-A	Lab Control Sample Dup	107	89
LCSD 880-107319/2-A	Lab Control Sample Dup	95	99
LCSD 880-107330/2-A	Lab Control Sample Dup	101	128
LCSD 880-107331/2-A	Lab Control Sample Dup	106	98
MB 880-107295/5-A	Method Blank	102	96
MB 880-107296/5-A	Method Blank	102	94
MB 880-107298/5-A	Method Blank	99	73
MB 880-107302/5-A	Method Blank	227 S1+	130
MB 880-107317/5-A	Method Blank	99	86
MB 880-107318/5-A	Method Blank	87	95
MB 880-107319/5-A	Method Blank	98	93
MB 880-107330/5-A	Method Blank	104	76
MB 880-107331/5-A	Method Blank	99	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-56700-1	SW-2 (2.5')	82	79
880-56700-2	SW-3 (2.5')	87	88
880-56700-2 MS	SW-3 (2.5')	96	91
880-56700-2 MSD	SW-3 (2.5')	87	83
880-56700-3	SW-4 (2.5')	95	92
880-56700-4	SW-5 (2.5')	87	86
880-56700-5	SW-6 (2.5')	77	79
880-56700-6	SW-7 (2.5')	88	87
880-56700-7	SW-8 (2.5')	85	85
880-56700-8	SW-9 (2')	87	86
880-56700-9	SW-10 (4.5')	90	88
880-56700-10	SW-11 (4.5')	92	90
880-56700-11	SW-12 (4.5')	91	91
880-56700-12	SW-13 (4.5')	87	86
880-56700-13	SW-14 (4.5')	88	86
880-56700-14	SW-15 (4.5')	89	88
880-56700-15	SW-16 (4.5')	88	86
880-56700-16	SW-17 (4.5')	86	84

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56700-1
Project/Site: NGL-Tie In
SDG: Lea 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)								
880-56700-17	SW-18 (4.5')	90	88								
880-56700-18	SW-19 (4.5')	87	85								
880-56700-19	SW-20 (4.5')	89	87								
880-56700-20	SW-21 (4.5')	83	81								
880-56700-21	SW-22 (4.5')	90	87								
880-56700-22	SW-23 (4.5')	76	79								
880-56700-22 MS	SW-23 (4.5')	98	92								
880-56700-22 MSD	SW-23 (4.5')	96	90								
880-56700-23	SW-24 (4.5')	90	88								
880-56700-24	SW-25 (4.5')	88	86								
880-56700-25	SW-26 (4.5')	88	86								
880-56700-26	SW-27 (4.5')	85	84								
880-56700-27	SW-28 (4.5')	88	87								
880-56700-28	SW-29 (4.5')	85	84								
880-56700-29	SW-30 (4.5')	89	89								
880-56700-30	SW-31 (4.5')	89	88								
880-56700-31	SW-32 (4.5')	90	90								
880-56700-32	SW-33 (4.5')	72	76								
880-56700-33	SW-34 (4.5')	85	85								
880-56700-34	SW-35 (4.5')	87	88								
880-56700-35	SW-36 (4.5')	90	90								
880-56700-36	SW-37 (4.5')	89	90								
880-56700-37	SW-38 (4.5')	86	88								
880-56700-38	SW-39 (4.5')	88	88								
880-56700-39	SW-40 (4.5')	90	92								
880-56700-40	SW-41 (4.5')	87	87								
880-56700-41	SW-42 (4.5')	85	87								
880-56700-42	SW-43 (4.5')	94	93								
880-56700-42 MS	SW-43 (4.5')	103	96								
880-56700-42 MSD	SW-43 (4.5')	106	99								
880-56700-43	SW-44 (4.5')	95	95								
880-56700-44	SW-45 (4.5')	94	93								
880-56700-45	SW-46 (4.5')	95	93								
880-56700-46	SW-47 (4.5')	95	94								
880-56700-47	SW-48 (1')	89	89								
880-56700-48	SW-49 (3.5')	101	101								
880-56700-49	SW-50 (3.5')	100	99								
880-56700-50	SW-51 (3.5')	93	93								
880-56700-51	SW-52 (3.5')	91	89								
880-56700-52	SW-53 (3.5')	97	98								
880-56700-53	SW-54 (3.5')	92	90								
880-56700-54	SW-55 (3.5')	103	104								
880-56700-55	SW-56 (3.5')	92	90								
880-56700-56	SW-57 (3.5')	100	100								
880-56700-57	SW-58 (1')	98	96								
880-56700-58	SW-59 (4.5')	90	88								
880-56700-59	SW-60 (4.5')	96	94								
880-56700-60	SW-61 (4.5')	90	88								
880-56700-61	SW-62 (4.5')	98	96								
880-56700-62	SW-63 (4.5')	94	94								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56700-1
Project/Site: NGL-Tie In
SDG: Lea 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)								
880-56700-62 MS	SW-63 (4.5')	106	100								
880-56700-62 MSD	SW-63 (4.5')	103	95								
880-56700-63	SW-64 (4.5')	99	97								
880-56700-64	SW-65 (4.5')	101	102								
880-56700-65	SW-66 (4.5')	108	109								
880-56700-66	SW-67 (4.5')	112	111								
880-56700-67	SW-68 (4.5')	102	103								
880-56700-68	SW-69 (4.5')	104	104								
880-56700-69	SW-70 (4.5')	103	103								
880-56700-70	SW-71 (4.5')	102	102								
880-56700-71	SW-72 (4.5')	98	99								
880-56700-72	SW-73 (4.5')	98	99								
880-56700-73	SW-74 (4.5')	100	100								
880-56700-74	SW-75 (4.5')	107	106								
880-56700-75	SW-76 (4.5')	98	97								
880-56700-76	SW-77 (4.5')	97	96								
880-56700-77	SW-78 (4.5')	99	98								
880-56700-78	SW-79 (4.5')	98	96								
880-56700-79	SW-80 (4.5')	98	97								
880-56700-80	SW-81 (4.5')	98	97								
880-56700-81	SW-82 (4.5')	100	99								
880-56700-82	SW-83 (4.5')	106	105								
880-56700-82 MS	SW-83 (4.5')	119	111								
880-56700-82 MSD	SW-83 (4.5')	101	112								
880-56700-83	SW-84 (4.5')	106	105								
880-56700-84	SW-85 (4.5')	106	104								
880-56700-85	SW-86 (4.5')	106	105								
880-56700-86	SW-87 (4.5')	101	100								
880-56700-87	SW-88 (4.5')	113	111								
880-56700-88	SW-89 (4.5')	108	106								
880-56700-89	SW-90 (4.5')	107	104								
880-56700-90	SW-91 (4.5')	102	100								
880-56700-91	SW-92 (4.5')	109	106								
880-56700-92	SW-93 (4.5')	99	95								
880-56700-93	SW-94 (4.5')	104	101								
880-56700-94	SW-95 (4.5')	104	101								
880-56700-95	SW-96 (4.5')	95	91								
880-56700-96	SW-97 (4.5')	102	98								
880-56700-97	SW-98 (4.5')	100	97								
880-56700-98	SW-99 (4.5')	97	95								
880-56700-99	SW-100 (4.5')	104	100								
880-56700-100	SW-101 (4.5')	104	100								
880-56700-101	SW-102 (4.5')	100	97								
880-56700-102	SW-103 (4.5')	107	104								
880-56700-102 MS	SW-103 (4.5')	104	115								
880-56700-102 MSD	SW-103 (4.5')	101	111								
880-56700-103	SW-104 (4.5')	110	107								
880-56700-104	SW-105 (4.5')	106	103								
880-56700-105	SW-106 (4.5')	110	107								
880-56700-106	SW-107 (4.5')	107	104								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56700-1
Project/Site: NGL-Tie In
SDG: Lea 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)								
880-56700-107	SW-108 (4.5')	98	94								
880-56700-108	SW-109 (4.5')	97	93								
880-56700-109	SW-110 (4.5')	96	92								
880-56700-110	SW-111 (4.5')	99	94								
880-56700-111	SW-112 (4.5')	97	94								
880-56700-112	SW-113 (4.5')	95	91								
880-56700-113	SW-114 (4.5')	96	92								
880-56700-114	SW-115 (4.5')	99	96								
880-56700-115	SW-116 (4.5')	95	90								
880-56700-116	SW-117 (4.5')	89	84								
880-56700-117	SW-118 (4.5')	97	94								
880-56700-118	SW-119 (4.5')	94	90								
880-56700-119	SW-120 (4.5')	89	85								
880-56700-120	SW-121 (4.5')	80	74								
880-56700-121	SW-122 (4.5')	90	86								
880-56700-122	SW-123 (4.5')	74	70								
880-56700-122 MS	SW-123 (4.5')	88	78								
880-56700-122 MSD	SW-123 (4.5')	92	81								
880-56700-123	SW-124 (4.5')	79	71								
880-56700-124	SW-125 (4.5')	84	73								
880-56700-125	SW-126 (4.5')	86	78								
880-56700-126	SW-127 (4.5')	75	69 S1-								
880-56700-127	SW-128 (4.5')	85	77								
880-56700-128	SW-129 (4.5')	79	73								
880-56700-129	SW-130 (4.5')	86	74								
880-56700-130	SW-131 (4.5')	77	70								
880-56700-131	SW-132 (4.5')	80	71								
880-56700-132	SW-133 (4.5')	84	71								
880-56700-133	SW-134 (4.5')	87	74								
880-56700-134	SW-135 (4.5')	86	73								
890-7923-A-1-C MS	Matrix Spike	98	91								
890-7923-A-1-D MSD	Matrix Spike Duplicate	98	92								
LCS 880-107293/2-A	Lab Control Sample	125	120								
LCS 880-107339/2-A	Lab Control Sample	137 S1+	135 S1+								
LCS 880-107354/2-A	Lab Control Sample	126	120								
LCS 880-107355/2-A	Lab Control Sample	138 S1+	127								
LCS 880-107404/2-A	Lab Control Sample	122	112								
LCS 880-107408/2-A	Lab Control Sample	157 S1+	183 S1+								
LCS 880-107417/2-A	Lab Control Sample	116	133 S1+								
LCS 880-107423/2-A	Lab Control Sample	132 S1+	147 S1+								
LCSD 880-107293/3-A	Lab Control Sample Dup	123	119								
LCSD 880-107339/3-A	Lab Control Sample Dup	133 S1+	130								
LCSD 880-107354/3-A	Lab Control Sample Dup	120	119								
LCSD 880-107355/3-A	Lab Control Sample Dup	128	125								
LCSD 880-107404/3-A	Lab Control Sample Dup	137 S1+	131 S1+								
LCSD 880-107408/3-A	Lab Control Sample Dup	151 S1+	176 S1+								
LCSD 880-107417/3-A	Lab Control Sample Dup	114	130								
LCSD 880-107423/3-A	Lab Control Sample Dup	148 S1+	164 S1+								
MB 880-107293/1-A	Method Blank	110	115								
MB 880-107339/1-A	Method Blank	126	135 S1+								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-56700-1
Project/Site: NGL-Tie In
SDG: Lea 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)								
MB 880-107354/1-A	Method Blank	99	107								
MB 880-107355/1-A	Method Blank	128	133 S1+								
MB 880-107404/1-A	Method Blank	116	122								
MB 880-107408/1-A	Method Blank	132 S1+	144 S1+								
MB 880-107417/1-A	Method Blank	128	135 S1+								
MB 880-107423/1-A	Method Blank	94	99								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-107295/5-A
Matrix: Solid
Analysis Batch: 107285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:43	04/10/25 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:43	04/10/25 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:43	04/10/25 11:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 08:43	04/10/25 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:43	04/10/25 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 08:43	04/10/25 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:43*	*04/10/25 11:20*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/10/25 08:43*	*04/10/25 11:20*	*1*

Lab Sample ID: MB 880-107296/5-A
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107296

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 11:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 08:46	04/10/25 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:46	04/10/25 11:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 08:46	04/10/25 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/10/25 08:46*	*04/10/25 11:31*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/10/25 08:46*	*04/10/25 11:31*	*1*

Lab Sample ID: LCS 880-107296/1-A
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107296

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09118		mg/Kg		91	70 - 130		
Toluene			0.100	0.08471		mg/Kg		85	70 - 130		
Ethylbenzene			0.100	0.08869		mg/Kg		89	70 - 130		
m,p-Xylenes			0.200	0.1797		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.09144		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-107296/2-A
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107296

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09336		mg/Kg		93	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-107296/2-A
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107296

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08655		mg/Kg		87	70 - 130	2	35
Ethylbenzene			0.100	0.09117		mg/Kg		91	70 - 130	3	35
m,p-Xylenes			0.200	0.1845		mg/Kg		92	70 - 130	3	35
o-Xylene			0.100	0.09331		mg/Kg		93	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-107298/5-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 08:49	04/10/25 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 08:49*	*04/10/25 11:31*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/10/25 08:49*	*04/10/25 11:31*	*1*

Lab Sample ID: LCS 880-107298/1-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107298

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.100	0.1196		mg/Kg		120	70 - 130
Toluene			0.100	0.1095		mg/Kg		109	70 - 130
Ethylbenzene			0.100	0.1153		mg/Kg		115	70 - 130
m,p-Xylenes			0.200	0.2184		mg/Kg		109	70 - 130
o-Xylene			0.100	0.1047		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-107298/2-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107298

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1218		mg/Kg		122	70 - 130	2	35
Toluene			0.100	0.1135		mg/Kg		114	70 - 130	4	35
Ethylbenzene			0.100	0.1206		mg/Kg		121	70 - 130	4	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-107298/2-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107298

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes			0.200	0.2284		mg/Kg		114	70 - 130	5	35
o-Xylene			0.100	0.1076		mg/Kg		108	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: MB 880-107302/5-A
Matrix: Solid
Analysis Batch: 107290

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 11:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 08:51	04/10/25 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:51	04/10/25 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 08:51	04/10/25 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*227*	*S1+*	*70 - 130*	*04/10/25 08:51*	*04/10/25 11:50*	*1*
1,4-Difluorobenzene (Surr)	*130*		*70 - 130*	*04/10/25 08:51*	*04/10/25 11:50*	*1*

Lab Sample ID: LCS 880-107302/1-A
Matrix: Solid
Analysis Batch: 107290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107302

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.100	0.1034		mg/Kg		103	70 - 130
Toluene			0.100	0.1030		mg/Kg		103	70 - 130
Ethylbenzene			0.100	0.1129		mg/Kg		113	70 - 130
m,p-Xylenes			0.200	0.1912		mg/Kg		96	70 - 130
o-Xylene			0.100	0.08327		mg/Kg		83	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCSD 880-107302/2-A
Matrix: Solid
Analysis Batch: 107290

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107302

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1058		mg/Kg		106	70 - 130	2	35
Toluene			0.100	0.1090		mg/Kg		109	70 - 130	6	35
Ethylbenzene			0.100	0.1184		mg/Kg		118	70 - 130	5	35
m,p-Xylenes			0.200	0.2191		mg/Kg		110	70 - 130	14	35
o-Xylene			0.100	0.1024		mg/Kg		102	70 - 130	21	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-7923-A-19-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107290 — **Prep Batch: 107302**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1016		mg/Kg		102	70 - 130
Toluene	<0.00201	U	0.100	0.09319		mg/Kg		93	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1061		mg/Kg		106	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.1936		mg/Kg		97	70 - 130
o-Xylene	<0.00201	U	0.100	0.09683		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-7923-A-19-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107290 — **Prep Batch: 107302**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1061		mg/Kg		106	70 - 130	4	35
Toluene	<0.00201	U	0.100	0.09833		mg/Kg		98	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.100	0.1050		mg/Kg		105	70 - 130	1	35
m,p-Xylenes	<0.00402	U	0.200	0.1799		mg/Kg		90	70 - 130	7	35
o-Xylene	<0.00201	U	0.100	0.1006		mg/Kg		101	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-107317/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107358 — **Prep Batch: 107317**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 16:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 16:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 16:17	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 09:49	04/10/25 16:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:49	04/10/25 16:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 09:49	04/10/25 16:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/10/25 09:49	04/10/25 16:17	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/10/25 09:49	04/10/25 16:17	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-107317/1-A
Matrix: Solid
Analysis Batch: 107358

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107317

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09342		mg/Kg		93	70 - 130		
Toluene			0.100	0.09035		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.09298		mg/Kg		93	70 - 130		
m,p-Xylenes			0.200	0.1967		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.09841		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: LCSD 880-107317/2-A
Matrix: Solid
Analysis Batch: 107358

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107317

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09386		mg/Kg		94	70 - 130	0	35
Toluene			0.100	0.08851		mg/Kg		89	70 - 130	2	35
Ethylbenzene			0.100	0.09548		mg/Kg		95	70 - 130	3	35
m,p-Xylenes			0.200	0.1941		mg/Kg		97	70 - 130	1	35
o-Xylene			0.100	0.09827		mg/Kg		98	70 - 130	0	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-56700-41 MS
Matrix: Solid
Analysis Batch: 107358

Client Sample ID: SW-42 (4.5')
Prep Type: Total/NA
Prep Batch: 107317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F1	0.100	0.09213		mg/Kg		92	70 - 130		
Toluene	<0.00201	U	0.100	0.08580		mg/Kg		86	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.08815		mg/Kg		88	70 - 130		
m,p-Xylenes	<0.00402	U	0.200	0.1847		mg/Kg		92	70 - 130		
o-Xylene	<0.00201	U	0.100	0.09355		mg/Kg		94	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-56700-41 MSD
Matrix: Solid
Analysis Batch: 107358

Client Sample ID: SW-42 (4.5')
Prep Type: Total/NA
Prep Batch: 107317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.06944	F1	mg/Kg		69	70 - 130	28	35
Toluene	<0.00201	U	0.100	0.09488		mg/Kg		95	70 - 130	10	35
Ethylbenzene	<0.00201	U	0.100	0.1079		mg/Kg		108	70 - 130	20	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56700-41 MSD
Matrix: Solid
Analysis Batch: 107358

Client Sample ID: SW-42 (4.5')
Prep Type: Total/NA
Prep Batch: 107317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00402	U	0.200	0.2138		mg/Kg		107	70 - 130	15	35
o-Xylene	<0.00201	U	0.100	0.1063		mg/Kg		106	70 - 130	13	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*

Lab Sample ID: MB 880-107318/5-A
Matrix: Solid
Analysis Batch: 107359

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107318

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 16:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 16:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 16:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 09:51	04/10/25 16:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:51	04/10/25 16:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 09:51	04/10/25 16:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*04/10/25 09:51*	*04/10/25 16:10*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/10/25 09:51*	*04/10/25 16:10*	*1*

Lab Sample ID: LCS 880-107318/1-A
Matrix: Solid
Analysis Batch: 107359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107318

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1012		mg/Kg		101	70 - 130
Toluene	0.100	0.09779		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1102		mg/Kg		110	70 - 130
m,p-Xylenes	0.200	0.2227		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1126		mg/Kg		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-107318/2-A
Matrix: Solid
Analysis Batch: 107359

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107318

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09749		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.09839		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.1129		mg/Kg		113	70 - 130	2	35
m,p-Xylenes	0.200	0.2223		mg/Kg		111	70 - 130	0	35
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130	0	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-56700-61 MS — **Client Sample ID: SW-62 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107359 — **Prep Batch: 107318**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.08279		mg/Kg		83	70 - 130		
Toluene	<0.00201	U	0.100	0.08046		mg/Kg		80	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.08601		mg/Kg		86	70 - 130		
m,p-Xylenes	<0.00402	U	0.200	0.1704		mg/Kg		85	70 - 130		
o-Xylene	<0.00201	U	0.100	0.08540		mg/Kg		85	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-56700-61 MSD — **Client Sample ID: SW-62 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107359 — **Prep Batch: 107318**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08588		mg/Kg		86	70 - 130	4	35
Toluene	<0.00201	U	0.100	0.07931		mg/Kg		79	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.07976		mg/Kg		80	70 - 130	8	35
m,p-Xylenes	<0.00402	U	0.200	0.1603		mg/Kg		80	70 - 130	6	35
o-Xylene	<0.00201	U	0.100	0.07995		mg/Kg		80	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-107319/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107285 — **Prep Batch: 107319**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/10/25 21:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/10/25 21:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/10/25 21:56	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 09:53	04/10/25 21:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 09:53	04/10/25 21:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 09:53	04/10/25 21:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/10/25 09:53	04/10/25 21:56	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/10/25 09:53	04/10/25 21:56	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-107319/1-A
Matrix: Solid
Analysis Batch: 107285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107319

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09596		mg/Kg		96	70 - 130		
Toluene			0.100	0.09148		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.08747		mg/Kg		87	70 - 130		
m,p-Xylenes			0.200	0.1713		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08738		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-107319/2-A
Matrix: Solid
Analysis Batch: 107285

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107319

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09037		mg/Kg		90	70 - 130	6	35
Toluene			0.100	0.08957		mg/Kg		90	70 - 130	2	35
Ethylbenzene			0.100	0.08570		mg/Kg		86	70 - 130	2	35
m,p-Xylenes			0.200	0.1696		mg/Kg		85	70 - 130	1	35
o-Xylene			0.100	0.08690		mg/Kg		87	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-56700-81 MS
Matrix: Solid
Analysis Batch: 107285

Client Sample ID: SW-82 (4.5')
Prep Type: Total/NA
Prep Batch: 107319

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.09090		mg/Kg		91	70 - 130		
Toluene	<0.00201	U	0.100	0.08901		mg/Kg		89	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.08504		mg/Kg		85	70 - 130		
m,p-Xylenes	<0.00402	U	0.200	0.1679		mg/Kg		84	70 - 130		
o-Xylene	<0.00201	U	0.100	0.08504		mg/Kg		85	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-56700-81 MSD
Matrix: Solid
Analysis Batch: 107285

Client Sample ID: SW-82 (4.5')
Prep Type: Total/NA
Prep Batch: 107319

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09665		mg/Kg		97	70 - 130	6	35
Toluene	<0.00201	U	0.100	0.09415		mg/Kg		94	70 - 130	6	35
Ethylbenzene	<0.00201	U	0.100	0.08858		mg/Kg		89	70 - 130	4	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56700-81 MSD
Matrix: Solid
Analysis Batch: 107285

Client Sample ID: SW-82 (4.5')
Prep Type: Total/NA
Prep Batch: 107319

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00402	U	0.200	0.1737		mg/Kg		87	70 - 130	3	35
o-Xylene	<0.00201	U	0.100	0.08811		mg/Kg		88	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 880-107330/5-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/10/25 22:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/10/25 22:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/10/25 22:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 10:15	04/10/25 22:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:15	04/10/25 22:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 10:15	04/10/25 22:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/10/25 10:15*	*04/10/25 22:30*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/10/25 10:15*	*04/10/25 22:30*	*1*

Lab Sample ID: LCS 880-107330/1-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1006		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130
m,p-Xylenes	0.200	0.2022		mg/Kg		101	70 - 130
o-Xylene	0.100	0.09430		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: LCSD 880-107330/2-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107330

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1174		mg/Kg		117	70 - 130	6	35
Toluene	0.100	0.1159		mg/Kg		116	70 - 130	14	35
Ethylbenzene	0.100	0.1289		mg/Kg		129	70 - 130	20	35
m,p-Xylenes	0.200	0.2463		mg/Kg		123	70 - 130	20	35
o-Xylene	0.100	0.1139		mg/Kg		114	70 - 130	19	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	128		70 - 130

Lab Sample ID: 880-56700-101 MS — **Client Sample ID: SW-102 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107287 — **Prep Batch: 107330**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00353		0.100	0.1072		mg/Kg		104	70 - 130
Toluene	<0.00201	U	0.100	0.1069		mg/Kg		107	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1168		mg/Kg		117	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.2224		mg/Kg		111	70 - 130
o-Xylene	<0.00201	U	0.100	0.1037		mg/Kg		104	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-56700-101 MSD — **Client Sample ID: SW-102 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107287 — **Prep Batch: 107330**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00353		0.100	0.1007		mg/Kg		97	70 - 130	6	35
Toluene	<0.00201	U	0.100	0.09159		mg/Kg		92	70 - 130	15	35
Ethylbenzene	<0.00201	U	0.100	0.09809		mg/Kg		98	70 - 130	17	35
m,p-Xylenes	<0.00402	U	0.200	0.1913		mg/Kg		96	70 - 130	15	35
o-Xylene	<0.00201	U	0.100	0.08589		mg/Kg		86	70 - 130	19	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

Lab Sample ID: MB 880-107331/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107288 — **Prep Batch: 107331**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/10/25 22:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/10/25 22:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/10/25 22:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 10:18	04/10/25 22:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 10:18	04/10/25 22:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 10:18	04/10/25 22:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/10/25 10:18	04/10/25 22:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/10/25 10:18	04/10/25 22:30	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-107331/1-A
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107331

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09138		mg/Kg		91	70 - 130		
Toluene			0.100	0.08498		mg/Kg		85	70 - 130		
Ethylbenzene			0.100	0.08927		mg/Kg		89	70 - 130		
m,p-Xylenes			0.200	0.1808		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.09234		mg/Kg		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-107331/2-A
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107331

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08950		mg/Kg		90	70 - 130	2	35
Toluene			0.100	0.08303		mg/Kg		83	70 - 130	2	35
Ethylbenzene			0.100	0.08714		mg/Kg		87	70 - 130	2	35
m,p-Xylenes			0.200	0.1760		mg/Kg		88	70 - 130	3	35
o-Xylene			0.100	0.09026		mg/Kg		90	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-56700-121 MS
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: SW-122 (4.5')
Prep Type: Total/NA
Prep Batch: 107331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.08271		mg/Kg		83	70 - 130		
Toluene	<0.00201	U	0.100	0.07590		mg/Kg		76	70 - 130		
Ethylbenzene	<0.00201	U	0.100	0.07785		mg/Kg		78	70 - 130		
m,p-Xylenes	<0.00402	U	0.200	0.1557		mg/Kg		78	70 - 130		
o-Xylene	<0.00201	U	0.100	0.07910		mg/Kg		79	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-56700-121 MSD
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: SW-122 (4.5')
Prep Type: Total/NA
Prep Batch: 107331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08419		mg/Kg		84	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.07600		mg/Kg		76	70 - 130	0	35
Ethylbenzene	<0.00201	U	0.100	0.07800		mg/Kg		78	70 - 130	0	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56700-121 MSD
Matrix: Solid
Analysis Batch: 107288

Client Sample ID: SW-122 (4.5')
Prep Type: Total/NA
Prep Batch: 107331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00402	U	0.200	0.1555		mg/Kg		78	70 - 130	0	35
o-Xylene	<0.00201	U	0.100	0.07878		mg/Kg		79	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-107293/1-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 08:39	04/09/25 23:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 08:39	04/09/25 23:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 08:39	04/09/25 23:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/10/25 08:39*	*04/09/25 23:41*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*04/10/25 08:39*	*04/09/25 23:41*	*1*

Lab Sample ID: LCS 880-107293/2-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107293

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1053		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	993.5		mg/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*125*		*70 - 130*
o-Terphenyl (Surr)	*120*		*70 - 130*

Lab Sample ID: LCSD 880-107293/3-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107293

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1052		mg/Kg		105	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	982.4		mg/Kg		98	70 - 130	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-107293/3-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107293

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: 890-7923-A-1-C MS
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107293

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	1035		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	911.9		mg/Kg		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 890-7923-A-1-D MSD
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107293

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	1038		mg/Kg		103	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	915.0		mg/Kg		89	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: MB 880-107339/1-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107339

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 11:31	04/10/25 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 11:31	04/10/25 18:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 11:31	04/10/25 18:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130	04/10/25 11:31	04/10/25 18:00	1
o-Terphenyl (Surr)	135	S1+	70 - 130	04/10/25 11:31	04/10/25 18:00	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-107339/2-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107339

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1141		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1112		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-107339/3-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107339

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1109		mg/Kg		111	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1062		mg/Kg		106	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*130*		*70 - 130*

Lab Sample ID: 880-56700-2 MS
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: SW-3 (2.5')
Prep Type: Total/NA
Prep Batch: 107339

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	946.5		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	995	966.9		mg/Kg		97	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*96*		*70 - 130*
o-Terphenyl (Surr)	*91*		*70 - 130*

Lab Sample ID: 880-56700-2 MSD
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: SW-3 (2.5')
Prep Type: Total/NA
Prep Batch: 107339

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	995	827.4		mg/Kg		83	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	995	856.3		mg/Kg		86	70 - 130	12	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*87*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56700-2 MSD
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: SW-3 (2.5')
Prep Type: Total/NA
Prep Batch: 107339

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	83		70 - 130

Lab Sample ID: MB 880-107354/1-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107354

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 11:35	04/11/25 01:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 11:35	04/11/25 01:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 11:35	04/11/25 01:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	04/10/25 11:35	04/11/25 01:26	1
o-Terphenyl (Surr)	107		70 - 130	04/10/25 11:35	04/11/25 01:26	1

Lab Sample ID: LCS 880-107354/2-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107354

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1031		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	999.7		mg/Kg		100	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	120		70 - 130

Lab Sample ID: LCSD 880-107354/3-A
Matrix: Solid
Analysis Batch: 107310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107354

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	991.8		mg/Kg		99	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	965.8		mg/Kg		97	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	119		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56700-22 MS — **Client Sample ID: SW-23 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107310 — **Prep Batch: 107354**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	991.0		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	940.9		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*98*		*70 - 130*
o-Terphenyl (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-56700-22 MSD — **Client Sample ID: SW-23 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107310 — **Prep Batch: 107354**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1010	974.5		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1010	924.2		mg/Kg		92	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*96*		*70 - 130*
o-Terphenyl (Surr)	*90*		*70 - 130*

Lab Sample ID: MB 880-107355/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107312 — **Prep Batch: 107355**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 18:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 11:39	04/10/25 18:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*128*		*70 - 130*	*04/10/25 11:39*	*04/10/25 18:00*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*04/10/25 11:39*	*04/10/25 18:00*	*1*

Lab Sample ID: LCS 880-107355/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107312 — **Prep Batch: 107355**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1058		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1098		mg/Kg		110	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-107355/2-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107355

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	138	S1+	70 - 130
o-Terphenyl (Surr)	127		70 - 130

Lab Sample ID: LCSD 880-107355/3-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107355

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1004		mg/Kg		100	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1063		mg/Kg		106	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: 880-56700-42 MS
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: SW-43 (4.5')
Prep Type: Total/NA
Prep Batch: 107355

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1010	900.5		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	1044		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: 880-56700-42 MSD
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: SW-43 (4.5')
Prep Type: Total/NA
Prep Batch: 107355

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1010	930.2		mg/Kg		92	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	1078		mg/Kg		105	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	99		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-107404/1-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 01:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 01:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 15:26	04/11/25 01:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*04/10/25 15:26*	*04/11/25 01:26*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*04/10/25 15:26*	*04/11/25 01:26*	*1*

Lab Sample ID: LCS 880-107404/2-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	928.5		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1010		mg/Kg		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*122*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 880-107404/3-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107404

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1083		mg/Kg		108	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	1181		mg/Kg		118	70 - 130	16	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*

Lab Sample ID: 880-56700-62 MS
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: SW-63 (4.5')
Prep Type: Total/NA
Prep Batch: 107404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	956.5		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1096		mg/Kg		109	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56700-62 MS
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: SW-63 (4.5')
Prep Type: Total/NA
Prep Batch: 107404

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	100		70 - 130

Lab Sample ID: 880-56700-62 MSD
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: SW-63 (4.5')
Prep Type: Total/NA
Prep Batch: 107404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	926.1		mg/Kg		92	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1053		mg/Kg		105	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: MB 880-107408/1-A
Matrix: Solid
Analysis Batch: 107308

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107408

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 15:30	04/10/25 17:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 15:30	04/10/25 17:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 15:30	04/10/25 17:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	132	S1+	70 - 130	04/10/25 15:30	04/10/25 17:45	1
o-Terphenyl (Surr)	144	S1+	70 - 130	04/10/25 15:30	04/10/25 17:45	1

Lab Sample ID: LCS 880-107408/2-A
Matrix: Solid
Analysis Batch: 107308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107408

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1214		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1514	*+	mg/Kg		151	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	157	S1+	70 - 130
o-Terphenyl (Surr)	183	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-107408/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107308 — **Prep Batch: 107408**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1174		mg/Kg		117	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1435	*+	mg/Kg		144	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*151*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*176*	*S1+*	*70 - 130*

Lab Sample ID: 880-56700-82 MS — **Client Sample ID: SW-83 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107308 — **Prep Batch: 107408**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	933.9		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U *+	999	1098		mg/Kg		110	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*119*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-56700-82 MSD — **Client Sample ID: SW-83 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107308 — **Prep Batch: 107408**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	999	956.0		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U *+	999	1164		mg/Kg		117	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*
o-Terphenyl (Surr)	*112*		*70 - 130*

Lab Sample ID: MB 880-107417/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107308 — **Prep Batch: 107417**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 15:35	04/11/25 02:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 15:35	04/11/25 02:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 15:35	04/11/25 02:00	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-107417/1-A
Matrix: Solid
Analysis Batch: 107308

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107417

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130	04/10/25 15:35	04/11/25 02:00	1
o-Terphenyl (Surr)	135	S1+	70 - 130	04/10/25 15:35	04/11/25 02:00	1

Lab Sample ID: LCS 880-107417/2-A
Matrix: Solid
Analysis Batch: 107308

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107417

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	918.2		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1104		mg/Kg		110	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	133	S1+	70 - 130

Lab Sample ID: LCSD 880-107417/3-A
Matrix: Solid
Analysis Batch: 107308

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107417

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	882.9		mg/Kg		88	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1065		mg/Kg		106	70 - 130	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	130		70 - 130

Lab Sample ID: 880-56700-102 MS
Matrix: Solid
Analysis Batch: 107308

Client Sample ID: SW-103 (4.5')
Prep Type: Total/NA
Prep Batch: 107417

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	1010	906.2		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.2	U	1010	1176		mg/Kg		117	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	115		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56700-102 MSD — **Client Sample ID: SW-103 (4.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107308 — **Prep Batch: 107417**

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	<50.2	U	1010	884.5		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.2	U	1010	1137		mg/Kg		113	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 880-107423/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107472 — **Prep Batch: 107423**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/11/25 08:04	04/11/25 10:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/11/25 08:04	04/11/25 10:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/11/25 08:04	04/11/25 10:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/11/25 08:04*	*04/11/25 10:08*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/11/25 08:04*	*04/11/25 10:08*	*1*

Lab Sample ID: LCS 880-107423/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107472 — **Prep Batch: 107423**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1097		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1245		mg/Kg		125	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*147*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-107423/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 107472 — **Prep Batch: 107423**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1201		mg/Kg		120	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1397	*+	mg/Kg		140	70 - 130	11	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-107423/3-A
Matrix: Solid
Analysis Batch: 107472

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107423

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	148	S1+	70 - 130
o-Terphenyl (Surr)	164	S1+	70 - 130

Lab Sample ID: 880-56700-122 MS
Matrix: Solid
Analysis Batch: 107472

Client Sample ID: SW-123 (4.5')
Prep Type: Total/NA
Prep Batch: 107423

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	999	704.7		mg/Kg		71	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U *+	999	796.8		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	78		70 - 130

Lab Sample ID: 880-56700-122 MSD
Matrix: Solid
Analysis Batch: 107472

Client Sample ID: SW-123 (4.5')
Prep Type: Total/NA
Prep Batch: 107423

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	<49.7	U	999	746.1		mg/Kg		75	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.7	U *+	999	828.5		mg/Kg		83	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107320/1-A
Matrix: Solid
Analysis Batch: 107336

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/25 12:43	1

Lab Sample ID: LCS 880-107320/2-A
Matrix: Solid
Analysis Batch: 107336

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.1		mg/Kg		96	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-107320/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107336

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	239.2		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-56700-1 MS — **Client Sample ID: SW-2 (2.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	95.3		249	344.4		mg/Kg		100	90 - 110

Lab Sample ID: 880-56700-1 MSD — **Client Sample ID: SW-2 (2.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	95.3		249	344.3		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-56700-11 MS — **Client Sample ID: SW-12 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107336

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	90.3	F1	252	382.0	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-56700-11 MSD — **Client Sample ID: SW-12 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107336

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	90.3	F1	252	380.7	F1	mg/Kg		115	90 - 110	0	20

Lab Sample ID: MB 880-107323/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107337

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/25 12:38	1

Lab Sample ID: LCS 880-107323/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107337

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	230.2		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-107323/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107337

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	230.4		mg/Kg		92	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56700-21 MS
Matrix: Solid
Analysis Batch: 107337

Client Sample ID: SW-22 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	90.5		251	343.0		mg/Kg		101	90 - 110

Lab Sample ID: 880-56700-21 MSD
Matrix: Solid
Analysis Batch: 107337

Client Sample ID: SW-22 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	90.5		251	342.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-56700-31 MS
Matrix: Solid
Analysis Batch: 107337

Client Sample ID: SW-32 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	63.5		249	325.4		mg/Kg		105	90 - 110

Lab Sample ID: 880-56700-31 MSD
Matrix: Solid
Analysis Batch: 107337

Client Sample ID: SW-32 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	63.5		249	325.4		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-107324/1-A
Matrix: Solid
Analysis Batch: 107338

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/25 14:19	1

Lab Sample ID: LCS 880-107324/2-A
Matrix: Solid
Analysis Batch: 107338

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 880-107324/3-A
Matrix: Solid
Analysis Batch: 107338

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	262.3		mg/Kg		105	90 - 110	2	20

Lab Sample ID: 880-56700-41 MS
Matrix: Solid
Analysis Batch: 107338

Client Sample ID: SW-42 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	90.0	F1	249	394.8	F1	mg/Kg		123	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56700-41 MSD — **Client Sample ID: SW-42 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107338

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	90.0	F1	249	394.5	F1	mg/Kg		123	90 - 110	0	20

Lab Sample ID: 880-56700-51 MS — **Client Sample ID: SW-52 (3.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	97.4	F1	248	386.6	F1	mg/Kg		117	90 - 110

Lab Sample ID: 880-56700-51 MSD — **Client Sample ID: SW-52 (3.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107338

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	97.4	F1	248	388.5	F1	mg/Kg		117	90 - 110	1	20

Lab Sample ID: MB 880-107325/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/25 16:17	1

Lab Sample ID: LCS 880-107325/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.9		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-107325/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107357

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	233.3		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-56700-61 MS — **Client Sample ID: SW-62 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107357

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	51.6	F1	250	340.6	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-56700-61 MSD — **Client Sample ID: SW-62 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107357

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	51.6	F1	250	341.7	F1	mg/Kg		116	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56700-71 MS
Matrix: Solid
Analysis Batch: 107357

Client Sample ID: SW-72 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	72.1		251	347.1		mg/Kg		110	90 - 110

Lab Sample ID: 880-56700-71 MSD
Matrix: Solid
Analysis Batch: 107357

Client Sample ID: SW-72 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	72.1		251	347.2		mg/Kg		110	90 - 110	0	20

Lab Sample ID: MB 880-107326/1-A
Matrix: Solid
Analysis Batch: 107360

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/25 16:54	1

Lab Sample ID: LCS 880-107326/2-A
Matrix: Solid
Analysis Batch: 107360

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.3		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-107326/3-A
Matrix: Solid
Analysis Batch: 107360

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	238.8		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-56700-81 MS
Matrix: Solid
Analysis Batch: 107360

Client Sample ID: SW-82 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	124	F1	251	348.7	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-56700-81 MSD
Matrix: Solid
Analysis Batch: 107360

Client Sample ID: SW-82 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	124	F1	251	347.9	F1	mg/Kg		89	90 - 110	0	20

Lab Sample ID: 880-56700-91 MS
Matrix: Solid
Analysis Batch: 107360

Client Sample ID: SW-92 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	107		252	368.1		mg/Kg		104	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56700-91 MSD — **Client Sample ID: SW-92 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107360

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	107		252	367.6		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-107327/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/25 19:12	1

Lab Sample ID: LCS 880-107327/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107361

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 880-107327/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107361

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	262.5		mg/Kg		105	90 - 110	2	20

Lab Sample ID: 880-56700-101 MS — **Client Sample ID: SW-102 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	120	F1	253	419.8	F1	mg/Kg		119	90 - 110

Lab Sample ID: 880-56700-101 MSD — **Client Sample ID: SW-102 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107361

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	120	F1	253	419.7	F1	mg/Kg		119	90 - 110	0	20

Lab Sample ID: 880-56700-111 MS — **Client Sample ID: SW-112 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126	F1	250	424.7	F1	mg/Kg		120	90 - 110

Lab Sample ID: 880-56700-111 MSD — **Client Sample ID: SW-112 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 107361

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	126	F1	250	421.1	F1	mg/Kg		118	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107329/1-A
Matrix: Solid
Analysis Batch: 107374

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/25 19:39	1

Lab Sample ID: LCS 880-107329/2-A
Matrix: Solid
Analysis Batch: 107374

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	233.5		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-107329/3-A
Matrix: Solid
Analysis Batch: 107374

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	233.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-56700-121 MS
Matrix: Solid
Analysis Batch: 107374

Client Sample ID: SW-122 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	89.7	F1	250	364.8		mg/Kg		110	90 - 110		

Lab Sample ID: 880-56700-121 MSD
Matrix: Solid
Analysis Batch: 107374

Client Sample ID: SW-122 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	89.7	F1	250	365.7	F1	mg/Kg		111	90 - 110	0	20

Lab Sample ID: 880-56700-131 MS
Matrix: Solid
Analysis Batch: 107374

Client Sample ID: SW-132 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	94.2		250	358.5		mg/Kg		106	90 - 110		

Lab Sample ID: 880-56700-131 MSD
Matrix: Solid
Analysis Batch: 107374

Client Sample ID: SW-132 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	94.2		250	358.6		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 107285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-81	SW-82 (4.5')	Total/NA	Solid	8021B	107319
880-56700-82	SW-83 (4.5')	Total/NA	Solid	8021B	107319
880-56700-83	SW-84 (4.5')	Total/NA	Solid	8021B	107319
880-56700-84	SW-85 (4.5')	Total/NA	Solid	8021B	107319
880-56700-85	SW-86 (4.5')	Total/NA	Solid	8021B	107319
880-56700-86	SW-87 (4.5')	Total/NA	Solid	8021B	107319
880-56700-87	SW-88 (4.5')	Total/NA	Solid	8021B	107319
880-56700-88	SW-89 (4.5')	Total/NA	Solid	8021B	107319
880-56700-89	SW-90 (4.5')	Total/NA	Solid	8021B	107319
880-56700-90	SW-91 (4.5')	Total/NA	Solid	8021B	107319
880-56700-91	SW-92 (4.5')	Total/NA	Solid	8021B	107319
880-56700-92	SW-93 (4.5')	Total/NA	Solid	8021B	107319
880-56700-93	SW-94 (4.5')	Total/NA	Solid	8021B	107319
880-56700-94	SW-95 (4.5')	Total/NA	Solid	8021B	107319
880-56700-95	SW-96 (4.5')	Total/NA	Solid	8021B	107319
880-56700-96	SW-97 (4.5')	Total/NA	Solid	8021B	107319
880-56700-97	SW-98 (4.5')	Total/NA	Solid	8021B	107319
880-56700-98	SW-99 (4.5')	Total/NA	Solid	8021B	107319
880-56700-99	SW-100 (4.5')	Total/NA	Solid	8021B	107319
880-56700-100	SW-101 (4.5')	Total/NA	Solid	8021B	107319
MB 880-107295/5-A	Method Blank	Total/NA	Solid	8021B	107295
MB 880-107319/5-A	Method Blank	Total/NA	Solid	8021B	107319
LCS 880-107319/1-A	Lab Control Sample	Total/NA	Solid	8021B	107319
LCSD 880-107319/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107319
880-56700-81 MS	SW-82 (4.5')	Total/NA	Solid	8021B	107319
880-56700-81 MSD	SW-82 (4.5')	Total/NA	Solid	8021B	107319

Analysis Batch: 107287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-15	SW-16 (4.5')	Total/NA	Solid	8021B	107298
880-56700-16	SW-17 (4.5')	Total/NA	Solid	8021B	107298
880-56700-17	SW-18 (4.5')	Total/NA	Solid	8021B	107298
880-56700-18	SW-19 (4.5')	Total/NA	Solid	8021B	107298
880-56700-19	SW-20 (4.5')	Total/NA	Solid	8021B	107298
880-56700-20	SW-21 (4.5')	Total/NA	Solid	8021B	107298
880-56700-21	SW-22 (4.5')	Total/NA	Solid	8021B	107298
880-56700-22	SW-23 (4.5')	Total/NA	Solid	8021B	107298
880-56700-23	SW-24 (4.5')	Total/NA	Solid	8021B	107298
880-56700-24	SW-25 (4.5')	Total/NA	Solid	8021B	107298
880-56700-25	SW-26 (4.5')	Total/NA	Solid	8021B	107298
880-56700-26	SW-27 (4.5')	Total/NA	Solid	8021B	107298
880-56700-27	SW-28 (4.5')	Total/NA	Solid	8021B	107298
880-56700-101	SW-102 (4.5')	Total/NA	Solid	8021B	107330
880-56700-102	SW-103 (4.5')	Total/NA	Solid	8021B	107330
880-56700-103	SW-104 (4.5')	Total/NA	Solid	8021B	107330
880-56700-104	SW-105 (4.5')	Total/NA	Solid	8021B	107330
880-56700-105	SW-106 (4.5')	Total/NA	Solid	8021B	107330
880-56700-106	SW-107 (4.5')	Total/NA	Solid	8021B	107330
880-56700-107	SW-108 (4.5')	Total/NA	Solid	8021B	107330
880-56700-108	SW-109 (4.5')	Total/NA	Solid	8021B	107330
880-56700-109	SW-110 (4.5')	Total/NA	Solid	8021B	107330

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 107287 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-110	SW-111 (4.5')	Total/NA	Solid	8021B	107330
880-56700-111	SW-112 (4.5')	Total/NA	Solid	8021B	107330
880-56700-112	SW-113 (4.5')	Total/NA	Solid	8021B	107330
880-56700-113	SW-114 (4.5')	Total/NA	Solid	8021B	107330
880-56700-114	SW-115 (4.5')	Total/NA	Solid	8021B	107330
880-56700-115	SW-116 (4.5')	Total/NA	Solid	8021B	107330
880-56700-116	SW-117 (4.5')	Total/NA	Solid	8021B	107330
880-56700-117	SW-118 (4.5')	Total/NA	Solid	8021B	107330
880-56700-118	SW-119 (4.5')	Total/NA	Solid	8021B	107330
880-56700-119	SW-120 (4.5')	Total/NA	Solid	8021B	107330
880-56700-120	SW-121 (4.5')	Total/NA	Solid	8021B	107330
MB 880-107298/5-A	Method Blank	Total/NA	Solid	8021B	107298
MB 880-107330/5-A	Method Blank	Total/NA	Solid	8021B	107330
LCS 880-107298/1-A	Lab Control Sample	Total/NA	Solid	8021B	107298
LCS 880-107330/1-A	Lab Control Sample	Total/NA	Solid	8021B	107330
LCSD 880-107298/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107298
LCSD 880-107330/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107330
880-56700-101 MS	SW-102 (4.5')	Total/NA	Solid	8021B	107330
880-56700-101 MSD	SW-102 (4.5')	Total/NA	Solid	8021B	107330

Analysis Batch: 107288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-28	SW-29 (4.5')	Total/NA	Solid	8021B	107296
880-56700-29	SW-30 (4.5')	Total/NA	Solid	8021B	107296
880-56700-30	SW-31 (4.5')	Total/NA	Solid	8021B	107296
880-56700-31	SW-32 (4.5')	Total/NA	Solid	8021B	107296
880-56700-32	SW-33 (4.5')	Total/NA	Solid	8021B	107296
880-56700-33	SW-34 (4.5')	Total/NA	Solid	8021B	107296
880-56700-34	SW-35 (4.5')	Total/NA	Solid	8021B	107296
880-56700-35	SW-36 (4.5')	Total/NA	Solid	8021B	107296
880-56700-36	SW-37 (4.5')	Total/NA	Solid	8021B	107296
880-56700-37	SW-38 (4.5')	Total/NA	Solid	8021B	107296
880-56700-38	SW-39 (4.5')	Total/NA	Solid	8021B	107296
880-56700-39	SW-40 (4.5')	Total/NA	Solid	8021B	107296
880-56700-40	SW-41 (4.5')	Total/NA	Solid	8021B	107296
880-56700-121	SW-122 (4.5')	Total/NA	Solid	8021B	107331
880-56700-122	SW-123 (4.5')	Total/NA	Solid	8021B	107331
880-56700-123	SW-124 (4.5')	Total/NA	Solid	8021B	107331
880-56700-124	SW-125 (4.5')	Total/NA	Solid	8021B	107331
880-56700-125	SW-126 (4.5')	Total/NA	Solid	8021B	107331
880-56700-126	SW-127 (4.5')	Total/NA	Solid	8021B	107331
880-56700-127	SW-128 (4.5')	Total/NA	Solid	8021B	107331
880-56700-128	SW-129 (4.5')	Total/NA	Solid	8021B	107331
880-56700-129	SW-130 (4.5')	Total/NA	Solid	8021B	107331
880-56700-130	SW-131 (4.5')	Total/NA	Solid	8021B	107331
880-56700-131	SW-132 (4.5')	Total/NA	Solid	8021B	107331
880-56700-132	SW-133 (4.5')	Total/NA	Solid	8021B	107331
880-56700-133	SW-134 (4.5')	Total/NA	Solid	8021B	107331
880-56700-134	SW-135 (4.5')	Total/NA	Solid	8021B	107331
MB 880-107296/5-A	Method Blank	Total/NA	Solid	8021B	107296
MB 880-107331/5-A	Method Blank	Total/NA	Solid	8021B	107331

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 107288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-107296/1-A	Lab Control Sample	Total/NA	Solid	8021B	107296
LCS 880-107331/1-A	Lab Control Sample	Total/NA	Solid	8021B	107331
LCSD 880-107296/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107296
LCSD 880-107331/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107331
880-56700-121 MS	SW-122 (4.5')	Total/NA	Solid	8021B	107331
880-56700-121 MSD	SW-122 (4.5')	Total/NA	Solid	8021B	107331

Analysis Batch: 107290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-1	SW-2 (2.5')	Total/NA	Solid	8021B	107302
880-56700-2	SW-3 (2.5')	Total/NA	Solid	8021B	107302
880-56700-3	SW-4 (2.5')	Total/NA	Solid	8021B	107302
880-56700-4	SW-5 (2.5')	Total/NA	Solid	8021B	107302
880-56700-5	SW-6 (2.5')	Total/NA	Solid	8021B	107302
880-56700-6	SW-7 (2.5')	Total/NA	Solid	8021B	107302
880-56700-7	SW-8 (2.5')	Total/NA	Solid	8021B	107302
880-56700-8	SW-9 (2')	Total/NA	Solid	8021B	107302
880-56700-9	SW-10 (4.5')	Total/NA	Solid	8021B	107302
880-56700-10	SW-11 (4.5')	Total/NA	Solid	8021B	107302
880-56700-11	SW-12 (4.5')	Total/NA	Solid	8021B	107302
880-56700-12	SW-13 (4.5')	Total/NA	Solid	8021B	107302
880-56700-13	SW-14 (4.5')	Total/NA	Solid	8021B	107302
880-56700-14	SW-15 (4.5')	Total/NA	Solid	8021B	107302
MB 880-107302/5-A	Method Blank	Total/NA	Solid	8021B	107302
LCS 880-107302/1-A	Lab Control Sample	Total/NA	Solid	8021B	107302
LCSD 880-107302/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107302
890-7923-A-19-C MS	Matrix Spike	Total/NA	Solid	8021B	107302
890-7923-A-19-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	107302

Prep Batch: 107295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-107295/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 107296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-28	SW-29 (4.5')	Total/NA	Solid	5035	
880-56700-29	SW-30 (4.5')	Total/NA	Solid	5035	
880-56700-30	SW-31 (4.5')	Total/NA	Solid	5035	
880-56700-31	SW-32 (4.5')	Total/NA	Solid	5035	
880-56700-32	SW-33 (4.5')	Total/NA	Solid	5035	
880-56700-33	SW-34 (4.5')	Total/NA	Solid	5035	
880-56700-34	SW-35 (4.5')	Total/NA	Solid	5035	
880-56700-35	SW-36 (4.5')	Total/NA	Solid	5035	
880-56700-36	SW-37 (4.5')	Total/NA	Solid	5035	
880-56700-37	SW-38 (4.5')	Total/NA	Solid	5035	
880-56700-38	SW-39 (4.5')	Total/NA	Solid	5035	
880-56700-39	SW-40 (4.5')	Total/NA	Solid	5035	
880-56700-40	SW-41 (4.5')	Total/NA	Solid	5035	
MB 880-107296/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107296/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107296/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 107298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-15	SW-16 (4.5')	Total/NA	Solid	5035	
880-56700-16	SW-17 (4.5')	Total/NA	Solid	5035	
880-56700-17	SW-18 (4.5')	Total/NA	Solid	5035	
880-56700-18	SW-19 (4.5')	Total/NA	Solid	5035	
880-56700-19	SW-20 (4.5')	Total/NA	Solid	5035	
880-56700-20	SW-21 (4.5')	Total/NA	Solid	5035	
880-56700-21	SW-22 (4.5')	Total/NA	Solid	5035	
880-56700-22	SW-23 (4.5')	Total/NA	Solid	5035	
880-56700-23	SW-24 (4.5')	Total/NA	Solid	5035	
880-56700-24	SW-25 (4.5')	Total/NA	Solid	5035	
880-56700-25	SW-26 (4.5')	Total/NA	Solid	5035	
880-56700-26	SW-27 (4.5')	Total/NA	Solid	5035	
880-56700-27	SW-28 (4.5')	Total/NA	Solid	5035	
MB 880-107298/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107298/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107298/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 107302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-1	SW-2 (2.5')	Total/NA	Solid	5035	
880-56700-2	SW-3 (2.5')	Total/NA	Solid	5035	
880-56700-3	SW-4 (2.5')	Total/NA	Solid	5035	
880-56700-4	SW-5 (2.5')	Total/NA	Solid	5035	
880-56700-5	SW-6 (2.5')	Total/NA	Solid	5035	
880-56700-6	SW-7 (2.5')	Total/NA	Solid	5035	
880-56700-7	SW-8 (2.5')	Total/NA	Solid	5035	
880-56700-8	SW-9 (2')	Total/NA	Solid	5035	
880-56700-9	SW-10 (4.5')	Total/NA	Solid	5035	
880-56700-10	SW-11 (4.5')	Total/NA	Solid	5035	
880-56700-11	SW-12 (4.5')	Total/NA	Solid	5035	
880-56700-12	SW-13 (4.5')	Total/NA	Solid	5035	
880-56700-13	SW-14 (4.5')	Total/NA	Solid	5035	
880-56700-14	SW-15 (4.5')	Total/NA	Solid	5035	
MB 880-107302/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107302/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107302/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7923-A-19-C MS	Matrix Spike	Total/NA	Solid	5035	
890-7923-A-19-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 107317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-41	SW-42 (4.5')	Total/NA	Solid	5035	
880-56700-42	SW-43 (4.5')	Total/NA	Solid	5035	
880-56700-43	SW-44 (4.5')	Total/NA	Solid	5035	
880-56700-44	SW-45 (4.5')	Total/NA	Solid	5035	
880-56700-45	SW-46 (4.5')	Total/NA	Solid	5035	
880-56700-46	SW-47 (4.5')	Total/NA	Solid	5035	
880-56700-47	SW-48 (1')	Total/NA	Solid	5035	
880-56700-48	SW-49 (3.5')	Total/NA	Solid	5035	
880-56700-49	SW-50 (3.5')	Total/NA	Solid	5035	
880-56700-50	SW-51 (3.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 107317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-51	SW-52 (3.5')	Total/NA	Solid	5035	
880-56700-52	SW-53 (3.5')	Total/NA	Solid	5035	
880-56700-53	SW-54 (3.5')	Total/NA	Solid	5035	
880-56700-54	SW-55 (3.5')	Total/NA	Solid	5035	
880-56700-55	SW-56 (3.5')	Total/NA	Solid	5035	
880-56700-56	SW-57 (3.5')	Total/NA	Solid	5035	
880-56700-57	SW-58 (1')	Total/NA	Solid	5035	
880-56700-58	SW-59 (4.5')	Total/NA	Solid	5035	
880-56700-59	SW-60 (4.5')	Total/NA	Solid	5035	
880-56700-60	SW-61 (4.5')	Total/NA	Solid	5035	
MB 880-107317/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107317/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107317/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56700-41 MS	SW-42 (4.5')	Total/NA	Solid	5035	
880-56700-41 MSD	SW-42 (4.5')	Total/NA	Solid	5035	

Prep Batch: 107318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-61	SW-62 (4.5')	Total/NA	Solid	5035	
880-56700-62	SW-63 (4.5')	Total/NA	Solid	5035	
880-56700-63	SW-64 (4.5')	Total/NA	Solid	5035	
880-56700-64	SW-65 (4.5')	Total/NA	Solid	5035	
880-56700-65	SW-66 (4.5')	Total/NA	Solid	5035	
880-56700-66	SW-67 (4.5')	Total/NA	Solid	5035	
880-56700-67	SW-68 (4.5')	Total/NA	Solid	5035	
880-56700-68	SW-69 (4.5')	Total/NA	Solid	5035	
880-56700-69	SW-70 (4.5')	Total/NA	Solid	5035	
880-56700-70	SW-71 (4.5')	Total/NA	Solid	5035	
880-56700-71	SW-72 (4.5')	Total/NA	Solid	5035	
880-56700-72	SW-73 (4.5')	Total/NA	Solid	5035	
880-56700-73	SW-74 (4.5')	Total/NA	Solid	5035	
880-56700-74	SW-75 (4.5')	Total/NA	Solid	5035	
880-56700-75	SW-76 (4.5')	Total/NA	Solid	5035	
880-56700-76	SW-77 (4.5')	Total/NA	Solid	5035	
880-56700-77	SW-78 (4.5')	Total/NA	Solid	5035	
880-56700-78	SW-79 (4.5')	Total/NA	Solid	5035	
880-56700-79	SW-80 (4.5')	Total/NA	Solid	5035	
880-56700-80	SW-81 (4.5')	Total/NA	Solid	5035	
MB 880-107318/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107318/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107318/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56700-61 MS	SW-62 (4.5')	Total/NA	Solid	5035	
880-56700-61 MSD	SW-62 (4.5')	Total/NA	Solid	5035	

Prep Batch: 107319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-81	SW-82 (4.5')	Total/NA	Solid	5035	
880-56700-82	SW-83 (4.5')	Total/NA	Solid	5035	
880-56700-83	SW-84 (4.5')	Total/NA	Solid	5035	
880-56700-84	SW-85 (4.5')	Total/NA	Solid	5035	
880-56700-85	SW-86 (4.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 107319 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-86	SW-87 (4.5')	Total/NA	Solid	5035	
880-56700-87	SW-88 (4.5')	Total/NA	Solid	5035	
880-56700-88	SW-89 (4.5')	Total/NA	Solid	5035	
880-56700-89	SW-90 (4.5')	Total/NA	Solid	5035	
880-56700-90	SW-91 (4.5')	Total/NA	Solid	5035	
880-56700-91	SW-92 (4.5')	Total/NA	Solid	5035	
880-56700-92	SW-93 (4.5')	Total/NA	Solid	5035	
880-56700-93	SW-94 (4.5')	Total/NA	Solid	5035	
880-56700-94	SW-95 (4.5')	Total/NA	Solid	5035	
880-56700-95	SW-96 (4.5')	Total/NA	Solid	5035	
880-56700-96	SW-97 (4.5')	Total/NA	Solid	5035	
880-56700-97	SW-98 (4.5')	Total/NA	Solid	5035	
880-56700-98	SW-99 (4.5')	Total/NA	Solid	5035	
880-56700-99	SW-100 (4.5')	Total/NA	Solid	5035	
880-56700-100	SW-101 (4.5')	Total/NA	Solid	5035	
MB 880-107319/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107319/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107319/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56700-81 MS	SW-82 (4.5')	Total/NA	Solid	5035	
880-56700-81 MSD	SW-82 (4.5')	Total/NA	Solid	5035	

Prep Batch: 107330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-101	SW-102 (4.5')	Total/NA	Solid	5035	
880-56700-102	SW-103 (4.5')	Total/NA	Solid	5035	
880-56700-103	SW-104 (4.5')	Total/NA	Solid	5035	
880-56700-104	SW-105 (4.5')	Total/NA	Solid	5035	
880-56700-105	SW-106 (4.5')	Total/NA	Solid	5035	
880-56700-106	SW-107 (4.5')	Total/NA	Solid	5035	
880-56700-107	SW-108 (4.5')	Total/NA	Solid	5035	
880-56700-108	SW-109 (4.5')	Total/NA	Solid	5035	
880-56700-109	SW-110 (4.5')	Total/NA	Solid	5035	
880-56700-110	SW-111 (4.5')	Total/NA	Solid	5035	
880-56700-111	SW-112 (4.5')	Total/NA	Solid	5035	
880-56700-112	SW-113 (4.5')	Total/NA	Solid	5035	
880-56700-113	SW-114 (4.5')	Total/NA	Solid	5035	
880-56700-114	SW-115 (4.5')	Total/NA	Solid	5035	
880-56700-115	SW-116 (4.5')	Total/NA	Solid	5035	
880-56700-116	SW-117 (4.5')	Total/NA	Solid	5035	
880-56700-117	SW-118 (4.5')	Total/NA	Solid	5035	
880-56700-118	SW-119 (4.5')	Total/NA	Solid	5035	
880-56700-119	SW-120 (4.5')	Total/NA	Solid	5035	
880-56700-120	SW-121 (4.5')	Total/NA	Solid	5035	
MB 880-107330/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107330/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107330/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56700-101 MS	SW-102 (4.5')	Total/NA	Solid	5035	
880-56700-101 MSD	SW-102 (4.5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 107331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-121	SW-122 (4.5')	Total/NA	Solid	5035	
880-56700-122	SW-123 (4.5')	Total/NA	Solid	5035	
880-56700-123	SW-124 (4.5')	Total/NA	Solid	5035	
880-56700-124	SW-125 (4.5')	Total/NA	Solid	5035	
880-56700-125	SW-126 (4.5')	Total/NA	Solid	5035	
880-56700-126	SW-127 (4.5')	Total/NA	Solid	5035	
880-56700-127	SW-128 (4.5')	Total/NA	Solid	5035	
880-56700-128	SW-129 (4.5')	Total/NA	Solid	5035	
880-56700-129	SW-130 (4.5')	Total/NA	Solid	5035	
880-56700-130	SW-131 (4.5')	Total/NA	Solid	5035	
880-56700-131	SW-132 (4.5')	Total/NA	Solid	5035	
880-56700-132	SW-133 (4.5')	Total/NA	Solid	5035	
880-56700-133	SW-134 (4.5')	Total/NA	Solid	5035	
880-56700-134	SW-135 (4.5')	Total/NA	Solid	5035	
MB 880-107331/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107331/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107331/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56700-121 MS	SW-122 (4.5')	Total/NA	Solid	5035	
880-56700-121 MSD	SW-122 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 107358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-41	SW-42 (4.5')	Total/NA	Solid	8021B	107317
880-56700-42	SW-43 (4.5')	Total/NA	Solid	8021B	107317
880-56700-43	SW-44 (4.5')	Total/NA	Solid	8021B	107317
880-56700-44	SW-45 (4.5')	Total/NA	Solid	8021B	107317
880-56700-45	SW-46 (4.5')	Total/NA	Solid	8021B	107317
880-56700-46	SW-47 (4.5')	Total/NA	Solid	8021B	107317
880-56700-47	SW-48 (1')	Total/NA	Solid	8021B	107317
880-56700-48	SW-49 (3.5')	Total/NA	Solid	8021B	107317
880-56700-49	SW-50 (3.5')	Total/NA	Solid	8021B	107317
880-56700-50	SW-51 (3.5')	Total/NA	Solid	8021B	107317
880-56700-51	SW-52 (3.5')	Total/NA	Solid	8021B	107317
880-56700-52	SW-53 (3.5')	Total/NA	Solid	8021B	107317
880-56700-53	SW-54 (3.5')	Total/NA	Solid	8021B	107317
880-56700-54	SW-55 (3.5')	Total/NA	Solid	8021B	107317
880-56700-55	SW-56 (3.5')	Total/NA	Solid	8021B	107317
880-56700-56	SW-57 (3.5')	Total/NA	Solid	8021B	107317
880-56700-57	SW-58 (1')	Total/NA	Solid	8021B	107317
880-56700-58	SW-59 (4.5')	Total/NA	Solid	8021B	107317
880-56700-59	SW-60 (4.5')	Total/NA	Solid	8021B	107317
880-56700-60	SW-61 (4.5')	Total/NA	Solid	8021B	107317
MB 880-107317/5-A	Method Blank	Total/NA	Solid	8021B	107317
LCS 880-107317/1-A	Lab Control Sample	Total/NA	Solid	8021B	107317
LCSD 880-107317/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107317
880-56700-41 MS	SW-42 (4.5')	Total/NA	Solid	8021B	107317
880-56700-41 MSD	SW-42 (4.5')	Total/NA	Solid	8021B	107317

Analysis Batch: 107359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-61	SW-62 (4.5')	Total/NA	Solid	8021B	107318

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 107359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-62	SW-63 (4.5')	Total/NA	Solid	8021B	107318
880-56700-63	SW-64 (4.5')	Total/NA	Solid	8021B	107318
880-56700-64	SW-65 (4.5')	Total/NA	Solid	8021B	107318
880-56700-65	SW-66 (4.5')	Total/NA	Solid	8021B	107318
880-56700-66	SW-67 (4.5')	Total/NA	Solid	8021B	107318
880-56700-67	SW-68 (4.5')	Total/NA	Solid	8021B	107318
880-56700-68	SW-69 (4.5')	Total/NA	Solid	8021B	107318
880-56700-69	SW-70 (4.5')	Total/NA	Solid	8021B	107318
880-56700-70	SW-71 (4.5')	Total/NA	Solid	8021B	107318
880-56700-71	SW-72 (4.5')	Total/NA	Solid	8021B	107318
880-56700-72	SW-73 (4.5')	Total/NA	Solid	8021B	107318
880-56700-73	SW-74 (4.5')	Total/NA	Solid	8021B	107318
880-56700-74	SW-75 (4.5')	Total/NA	Solid	8021B	107318
880-56700-75	SW-76 (4.5')	Total/NA	Solid	8021B	107318
880-56700-76	SW-77 (4.5')	Total/NA	Solid	8021B	107318
880-56700-77	SW-78 (4.5')	Total/NA	Solid	8021B	107318
880-56700-78	SW-79 (4.5')	Total/NA	Solid	8021B	107318
880-56700-79	SW-80 (4.5')	Total/NA	Solid	8021B	107318
880-56700-80	SW-81 (4.5')	Total/NA	Solid	8021B	107318
MB 880-107318/5-A	Method Blank	Total/NA	Solid	8021B	107318
LCS 880-107318/1-A	Lab Control Sample	Total/NA	Solid	8021B	107318
LCSD 880-107318/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107318
880-56700-61 MS	SW-62 (4.5')	Total/NA	Solid	8021B	107318
880-56700-61 MSD	SW-62 (4.5')	Total/NA	Solid	8021B	107318

Analysis Batch: 107379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-1	SW-2 (2.5')	Total/NA	Solid	Total BTEX	
880-56700-2	SW-3 (2.5')	Total/NA	Solid	Total BTEX	
880-56700-3	SW-4 (2.5')	Total/NA	Solid	Total BTEX	
880-56700-4	SW-5 (2.5')	Total/NA	Solid	Total BTEX	
880-56700-5	SW-6 (2.5')	Total/NA	Solid	Total BTEX	
880-56700-6	SW-7 (2.5')	Total/NA	Solid	Total BTEX	
880-56700-7	SW-8 (2.5')	Total/NA	Solid	Total BTEX	
880-56700-8	SW-9 (2')	Total/NA	Solid	Total BTEX	
880-56700-9	SW-10 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-10	SW-11 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-11	SW-12 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-12	SW-13 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-13	SW-14 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-14	SW-15 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-15	SW-16 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-16	SW-17 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-17	SW-18 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-18	SW-19 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-19	SW-20 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-20	SW-21 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-21	SW-22 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-22	SW-23 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-23	SW-24 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-24	SW-25 (4.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 107379 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-25	SW-26 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-26	SW-27 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-27	SW-28 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-28	SW-29 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-29	SW-30 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-30	SW-31 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-31	SW-32 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-32	SW-33 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-33	SW-34 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-34	SW-35 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-35	SW-36 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-36	SW-37 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-37	SW-38 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-38	SW-39 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-39	SW-40 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-40	SW-41 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-41	SW-42 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-42	SW-43 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-43	SW-44 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-44	SW-45 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-45	SW-46 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-46	SW-47 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-47	SW-48 (1')	Total/NA	Solid	Total BTEX	
880-56700-48	SW-49 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-49	SW-50 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-50	SW-51 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-51	SW-52 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-52	SW-53 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-53	SW-54 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-54	SW-55 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-55	SW-56 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-56	SW-57 (3.5')	Total/NA	Solid	Total BTEX	
880-56700-57	SW-58 (1')	Total/NA	Solid	Total BTEX	
880-56700-58	SW-59 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-59	SW-60 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-60	SW-61 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-61	SW-62 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-62	SW-63 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-63	SW-64 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-64	SW-65 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-65	SW-66 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-66	SW-67 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-67	SW-68 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-68	SW-69 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-69	SW-70 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-70	SW-71 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-71	SW-72 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-72	SW-73 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-73	SW-74 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-74	SW-75 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-75	SW-76 (4.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 107379 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-76	SW-77 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-77	SW-78 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-78	SW-79 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-79	SW-80 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-80	SW-81 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-81	SW-82 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-82	SW-83 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-83	SW-84 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-84	SW-85 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-85	SW-86 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-86	SW-87 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-87	SW-88 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-88	SW-89 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-89	SW-90 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-90	SW-91 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-91	SW-92 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-92	SW-93 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-93	SW-94 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-94	SW-95 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-95	SW-96 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-96	SW-97 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-97	SW-98 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-98	SW-99 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-99	SW-100 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-100	SW-101 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-101	SW-102 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-102	SW-103 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-103	SW-104 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-104	SW-105 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-105	SW-106 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-106	SW-107 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-107	SW-108 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-108	SW-109 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-109	SW-110 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-110	SW-111 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-111	SW-112 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-112	SW-113 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-113	SW-114 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-114	SW-115 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-115	SW-116 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-116	SW-117 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-117	SW-118 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-118	SW-119 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-119	SW-120 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-120	SW-121 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-121	SW-122 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-122	SW-123 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-123	SW-124 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-124	SW-125 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-125	SW-126 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-126	SW-127 (4.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 107379 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-127	SW-128 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-128	SW-129 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-129	SW-130 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-130	SW-131 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-131	SW-132 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-132	SW-133 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-133	SW-134 (4.5')	Total/NA	Solid	Total BTEX	
880-56700-134	SW-135 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 107293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-1	SW-2 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-107293/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107293/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107293/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7923-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7923-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-82	SW-83 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-83	SW-84 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-84	SW-85 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-85	SW-86 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-86	SW-87 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-87	SW-88 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-88	SW-89 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-89	SW-90 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-90	SW-91 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-91	SW-92 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-92	SW-93 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-93	SW-94 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-94	SW-95 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-95	SW-96 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-96	SW-97 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-97	SW-98 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-98	SW-99 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-99	SW-100 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-100	SW-101 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-101	SW-102 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-102	SW-103 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-103	SW-104 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-104	SW-105 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-105	SW-106 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-106	SW-107 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-107	SW-108 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-108	SW-109 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-109	SW-110 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-110	SW-111 (4.5')	Total/NA	Solid	8015B NM	107417

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107308 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-111	SW-112 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-112	SW-113 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-113	SW-114 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-114	SW-115 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-115	SW-116 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-116	SW-117 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-117	SW-118 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-118	SW-119 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-119	SW-120 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-120	SW-121 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-121	SW-122 (4.5')	Total/NA	Solid	8015B NM	107417
MB 880-107408/1-A	Method Blank	Total/NA	Solid	8015B NM	107408
MB 880-107417/1-A	Method Blank	Total/NA	Solid	8015B NM	107417
LCS 880-107408/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107408
LCS 880-107417/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107417
LCSD 880-107408/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107408
LCSD 880-107417/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107417
880-56700-82 MS	SW-83 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-82 MSD	SW-83 (4.5')	Total/NA	Solid	8015B NM	107408
880-56700-102 MS	SW-103 (4.5')	Total/NA	Solid	8015B NM	107417
880-56700-102 MSD	SW-103 (4.5')	Total/NA	Solid	8015B NM	107417

Analysis Batch: 107310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-1	SW-2 (2.5')	Total/NA	Solid	8015B NM	107293
880-56700-2	SW-3 (2.5')	Total/NA	Solid	8015B NM	107339
880-56700-3	SW-4 (2.5')	Total/NA	Solid	8015B NM	107339
880-56700-4	SW-5 (2.5')	Total/NA	Solid	8015B NM	107339
880-56700-5	SW-6 (2.5')	Total/NA	Solid	8015B NM	107339
880-56700-6	SW-7 (2.5')	Total/NA	Solid	8015B NM	107339
880-56700-7	SW-8 (2.5')	Total/NA	Solid	8015B NM	107339
880-56700-8	SW-9 (2')	Total/NA	Solid	8015B NM	107339
880-56700-9	SW-10 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-10	SW-11 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-11	SW-12 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-12	SW-13 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-13	SW-14 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-14	SW-15 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-15	SW-16 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-16	SW-17 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-17	SW-18 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-18	SW-19 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-19	SW-20 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-20	SW-21 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-21	SW-22 (4.5')	Total/NA	Solid	8015B NM	107339
880-56700-22	SW-23 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-23	SW-24 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-24	SW-25 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-25	SW-26 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-26	SW-27 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-27	SW-28 (4.5')	Total/NA	Solid	8015B NM	107354

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107310 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-28	SW-29 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-29	SW-30 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-30	SW-31 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-31	SW-32 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-32	SW-33 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-33	SW-34 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-34	SW-35 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-35	SW-36 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-36	SW-37 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-37	SW-38 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-38	SW-39 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-39	SW-40 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-40	SW-41 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-41	SW-42 (4.5')	Total/NA	Solid	8015B NM	107354
MB 880-107293/1-A	Method Blank	Total/NA	Solid	8015B NM	107293
MB 880-107339/1-A	Method Blank	Total/NA	Solid	8015B NM	107339
MB 880-107354/1-A	Method Blank	Total/NA	Solid	8015B NM	107354
LCS 880-107293/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107293
LCS 880-107339/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107339
LCS 880-107354/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107354
LCSD 880-107293/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107293
LCSD 880-107339/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107339
LCSD 880-107354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107354
880-56700-2 MS	SW-3 (2.5')	Total/NA	Solid	8015B NM	107339
880-56700-2 MSD	SW-3 (2.5')	Total/NA	Solid	8015B NM	107339
880-56700-22 MS	SW-23 (4.5')	Total/NA	Solid	8015B NM	107354
880-56700-22 MSD	SW-23 (4.5')	Total/NA	Solid	8015B NM	107354
890-7923-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	107293
890-7923-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	107293

Analysis Batch: 107312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-42	SW-43 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-43	SW-44 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-44	SW-45 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-45	SW-46 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-46	SW-47 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-47	SW-48 (1')	Total/NA	Solid	8015B NM	107355
880-56700-48	SW-49 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-49	SW-50 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-50	SW-51 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-51	SW-52 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-52	SW-53 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-53	SW-54 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-54	SW-55 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-55	SW-56 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-56	SW-57 (3.5')	Total/NA	Solid	8015B NM	107355
880-56700-57	SW-58 (1')	Total/NA	Solid	8015B NM	107355
880-56700-58	SW-59 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-59	SW-60 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-60	SW-61 (4.5')	Total/NA	Solid	8015B NM	107355

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107312 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-61	SW-62 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-62	SW-63 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-63	SW-64 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-64	SW-65 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-65	SW-66 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-66	SW-67 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-67	SW-68 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-68	SW-69 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-69	SW-70 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-70	SW-71 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-71	SW-72 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-72	SW-73 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-73	SW-74 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-74	SW-75 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-75	SW-76 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-76	SW-77 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-77	SW-78 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-78	SW-79 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-79	SW-80 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-80	SW-81 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-81	SW-82 (4.5')	Total/NA	Solid	8015B NM	107404
MB 880-107355/1-A	Method Blank	Total/NA	Solid	8015B NM	107355
MB 880-107404/1-A	Method Blank	Total/NA	Solid	8015B NM	107404
LCS 880-107355/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107355
LCS 880-107404/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107404
LCSD 880-107355/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107355
LCSD 880-107404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107404
880-56700-42 MS	SW-43 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-42 MSD	SW-43 (4.5')	Total/NA	Solid	8015B NM	107355
880-56700-62 MS	SW-63 (4.5')	Total/NA	Solid	8015B NM	107404
880-56700-62 MSD	SW-63 (4.5')	Total/NA	Solid	8015B NM	107404

Prep Batch: 107339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-2	SW-3 (2.5')	Total/NA	Solid	8015NM Prep	
880-56700-3	SW-4 (2.5')	Total/NA	Solid	8015NM Prep	
880-56700-4	SW-5 (2.5')	Total/NA	Solid	8015NM Prep	
880-56700-5	SW-6 (2.5')	Total/NA	Solid	8015NM Prep	
880-56700-6	SW-7 (2.5')	Total/NA	Solid	8015NM Prep	
880-56700-7	SW-8 (2.5')	Total/NA	Solid	8015NM Prep	
880-56700-8	SW-9 (2')	Total/NA	Solid	8015NM Prep	
880-56700-9	SW-10 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-10	SW-11 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-11	SW-12 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-12	SW-13 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-13	SW-14 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-14	SW-15 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-15	SW-16 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-16	SW-17 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-17	SW-18 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-18	SW-19 (4.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 107339 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-19	SW-20 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-20	SW-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-21	SW-22 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107339/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107339/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107339/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56700-2 MS	SW-3 (2.5')	Total/NA	Solid	8015NM Prep	
880-56700-2 MSD	SW-3 (2.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 107354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-22	SW-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-23	SW-24 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-24	SW-25 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-25	SW-26 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-26	SW-27 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-27	SW-28 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-28	SW-29 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-29	SW-30 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-30	SW-31 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-31	SW-32 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-32	SW-33 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-33	SW-34 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-34	SW-35 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-35	SW-36 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-36	SW-37 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-37	SW-38 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-38	SW-39 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-39	SW-40 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-40	SW-41 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-41	SW-42 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107354/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107354/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107354/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56700-22 MS	SW-23 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-22 MSD	SW-23 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 107355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-42	SW-43 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-43	SW-44 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-44	SW-45 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-45	SW-46 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-46	SW-47 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-47	SW-48 (1')	Total/NA	Solid	8015NM Prep	
880-56700-48	SW-49 (3.5')	Total/NA	Solid	8015NM Prep	
880-56700-49	SW-50 (3.5')	Total/NA	Solid	8015NM Prep	
880-56700-50	SW-51 (3.5')	Total/NA	Solid	8015NM Prep	
880-56700-51	SW-52 (3.5')	Total/NA	Solid	8015NM Prep	
880-56700-52	SW-53 (3.5')	Total/NA	Solid	8015NM Prep	
880-56700-53	SW-54 (3.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 107355 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-54	SW-55 (3.5')	Total/NA	Solid	8015NM Prep	
880-56700-55	SW-56 (3.5')	Total/NA	Solid	8015NM Prep	
880-56700-56	SW-57 (3.5')	Total/NA	Solid	8015NM Prep	
880-56700-57	SW-58 (1')	Total/NA	Solid	8015NM Prep	
880-56700-58	SW-59 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-59	SW-60 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-60	SW-61 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-61	SW-62 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107355/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107355/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107355/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56700-42 MS	SW-43 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-42 MSD	SW-43 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 107404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-62	SW-63 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-63	SW-64 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-64	SW-65 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-65	SW-66 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-66	SW-67 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-67	SW-68 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-68	SW-69 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-69	SW-70 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-70	SW-71 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-71	SW-72 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-72	SW-73 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-73	SW-74 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-74	SW-75 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-75	SW-76 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-76	SW-77 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-77	SW-78 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-78	SW-79 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-79	SW-80 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-80	SW-81 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-81	SW-82 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107404/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107404/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107404/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56700-62 MS	SW-63 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-62 MSD	SW-63 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 107408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-82	SW-83 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-83	SW-84 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-84	SW-85 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-85	SW-86 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-86	SW-87 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-87	SW-88 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-88	SW-89 (4.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 107408 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-89	SW-90 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-90	SW-91 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-91	SW-92 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-92	SW-93 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-93	SW-94 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-94	SW-95 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-95	SW-96 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-96	SW-97 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-97	SW-98 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-98	SW-99 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-99	SW-100 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-100	SW-101 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-101	SW-102 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107408/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107408/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107408/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56700-82 MS	SW-83 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-82 MSD	SW-83 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-1	SW-2 (2.5')	Total/NA	Solid	8015 NM	
880-56700-2	SW-3 (2.5')	Total/NA	Solid	8015 NM	
880-56700-3	SW-4 (2.5')	Total/NA	Solid	8015 NM	
880-56700-4	SW-5 (2.5')	Total/NA	Solid	8015 NM	
880-56700-5	SW-6 (2.5')	Total/NA	Solid	8015 NM	
880-56700-6	SW-7 (2.5')	Total/NA	Solid	8015 NM	
880-56700-7	SW-8 (2.5')	Total/NA	Solid	8015 NM	
880-56700-8	SW-9 (2')	Total/NA	Solid	8015 NM	
880-56700-9	SW-10 (4.5')	Total/NA	Solid	8015 NM	
880-56700-10	SW-11 (4.5')	Total/NA	Solid	8015 NM	
880-56700-11	SW-12 (4.5')	Total/NA	Solid	8015 NM	
880-56700-12	SW-13 (4.5')	Total/NA	Solid	8015 NM	
880-56700-13	SW-14 (4.5')	Total/NA	Solid	8015 NM	
880-56700-14	SW-15 (4.5')	Total/NA	Solid	8015 NM	
880-56700-15	SW-16 (4.5')	Total/NA	Solid	8015 NM	
880-56700-16	SW-17 (4.5')	Total/NA	Solid	8015 NM	
880-56700-17	SW-18 (4.5')	Total/NA	Solid	8015 NM	
880-56700-18	SW-19 (4.5')	Total/NA	Solid	8015 NM	
880-56700-19	SW-20 (4.5')	Total/NA	Solid	8015 NM	
880-56700-20	SW-21 (4.5')	Total/NA	Solid	8015 NM	
880-56700-21	SW-22 (4.5')	Total/NA	Solid	8015 NM	
880-56700-22	SW-23 (4.5')	Total/NA	Solid	8015 NM	
880-56700-23	SW-24 (4.5')	Total/NA	Solid	8015 NM	
880-56700-24	SW-25 (4.5')	Total/NA	Solid	8015 NM	
880-56700-25	SW-26 (4.5')	Total/NA	Solid	8015 NM	
880-56700-26	SW-27 (4.5')	Total/NA	Solid	8015 NM	
880-56700-27	SW-28 (4.5')	Total/NA	Solid	8015 NM	
880-56700-28	SW-29 (4.5')	Total/NA	Solid	8015 NM	
880-56700-29	SW-30 (4.5')	Total/NA	Solid	8015 NM	
880-56700-30	SW-31 (4.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-31	SW-32 (4.5')	Total/NA	Solid	8015 NM	
880-56700-32	SW-33 (4.5')	Total/NA	Solid	8015 NM	
880-56700-33	SW-34 (4.5')	Total/NA	Solid	8015 NM	
880-56700-34	SW-35 (4.5')	Total/NA	Solid	8015 NM	
880-56700-35	SW-36 (4.5')	Total/NA	Solid	8015 NM	
880-56700-36	SW-37 (4.5')	Total/NA	Solid	8015 NM	
880-56700-37	SW-38 (4.5')	Total/NA	Solid	8015 NM	
880-56700-38	SW-39 (4.5')	Total/NA	Solid	8015 NM	
880-56700-39	SW-40 (4.5')	Total/NA	Solid	8015 NM	
880-56700-40	SW-41 (4.5')	Total/NA	Solid	8015 NM	
880-56700-41	SW-42 (4.5')	Total/NA	Solid	8015 NM	
880-56700-42	SW-43 (4.5')	Total/NA	Solid	8015 NM	
880-56700-43	SW-44 (4.5')	Total/NA	Solid	8015 NM	
880-56700-44	SW-45 (4.5')	Total/NA	Solid	8015 NM	
880-56700-45	SW-46 (4.5')	Total/NA	Solid	8015 NM	
880-56700-46	SW-47 (4.5')	Total/NA	Solid	8015 NM	
880-56700-47	SW-48 (1')	Total/NA	Solid	8015 NM	
880-56700-48	SW-49 (3.5')	Total/NA	Solid	8015 NM	
880-56700-49	SW-50 (3.5')	Total/NA	Solid	8015 NM	
880-56700-50	SW-51 (3.5')	Total/NA	Solid	8015 NM	
880-56700-51	SW-52 (3.5')	Total/NA	Solid	8015 NM	
880-56700-52	SW-53 (3.5')	Total/NA	Solid	8015 NM	
880-56700-53	SW-54 (3.5')	Total/NA	Solid	8015 NM	
880-56700-54	SW-55 (3.5')	Total/NA	Solid	8015 NM	
880-56700-55	SW-56 (3.5')	Total/NA	Solid	8015 NM	
880-56700-56	SW-57 (3.5')	Total/NA	Solid	8015 NM	
880-56700-57	SW-58 (1')	Total/NA	Solid	8015 NM	
880-56700-58	SW-59 (4.5')	Total/NA	Solid	8015 NM	
880-56700-59	SW-60 (4.5')	Total/NA	Solid	8015 NM	
880-56700-60	SW-61 (4.5')	Total/NA	Solid	8015 NM	
880-56700-61	SW-62 (4.5')	Total/NA	Solid	8015 NM	
880-56700-62	SW-63 (4.5')	Total/NA	Solid	8015 NM	
880-56700-63	SW-64 (4.5')	Total/NA	Solid	8015 NM	
880-56700-64	SW-65 (4.5')	Total/NA	Solid	8015 NM	
880-56700-65	SW-66 (4.5')	Total/NA	Solid	8015 NM	
880-56700-66	SW-67 (4.5')	Total/NA	Solid	8015 NM	
880-56700-67	SW-68 (4.5')	Total/NA	Solid	8015 NM	
880-56700-68	SW-69 (4.5')	Total/NA	Solid	8015 NM	
880-56700-69	SW-70 (4.5')	Total/NA	Solid	8015 NM	
880-56700-70	SW-71 (4.5')	Total/NA	Solid	8015 NM	
880-56700-71	SW-72 (4.5')	Total/NA	Solid	8015 NM	
880-56700-72	SW-73 (4.5')	Total/NA	Solid	8015 NM	
880-56700-73	SW-74 (4.5')	Total/NA	Solid	8015 NM	
880-56700-74	SW-75 (4.5')	Total/NA	Solid	8015 NM	
880-56700-75	SW-76 (4.5')	Total/NA	Solid	8015 NM	
880-56700-76	SW-77 (4.5')	Total/NA	Solid	8015 NM	
880-56700-77	SW-78 (4.5')	Total/NA	Solid	8015 NM	
880-56700-78	SW-79 (4.5')	Total/NA	Solid	8015 NM	
880-56700-79	SW-80 (4.5')	Total/NA	Solid	8015 NM	
880-56700-80	SW-81 (4.5')	Total/NA	Solid	8015 NM	
880-56700-81	SW-82 (4.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-82	SW-83 (4.5')	Total/NA	Solid	8015 NM	
880-56700-83	SW-84 (4.5')	Total/NA	Solid	8015 NM	
880-56700-84	SW-85 (4.5')	Total/NA	Solid	8015 NM	
880-56700-85	SW-86 (4.5')	Total/NA	Solid	8015 NM	
880-56700-86	SW-87 (4.5')	Total/NA	Solid	8015 NM	
880-56700-87	SW-88 (4.5')	Total/NA	Solid	8015 NM	
880-56700-88	SW-89 (4.5')	Total/NA	Solid	8015 NM	
880-56700-89	SW-90 (4.5')	Total/NA	Solid	8015 NM	
880-56700-90	SW-91 (4.5')	Total/NA	Solid	8015 NM	
880-56700-91	SW-92 (4.5')	Total/NA	Solid	8015 NM	
880-56700-92	SW-93 (4.5')	Total/NA	Solid	8015 NM	
880-56700-93	SW-94 (4.5')	Total/NA	Solid	8015 NM	
880-56700-94	SW-95 (4.5')	Total/NA	Solid	8015 NM	
880-56700-95	SW-96 (4.5')	Total/NA	Solid	8015 NM	
880-56700-96	SW-97 (4.5')	Total/NA	Solid	8015 NM	
880-56700-97	SW-98 (4.5')	Total/NA	Solid	8015 NM	
880-56700-98	SW-99 (4.5')	Total/NA	Solid	8015 NM	
880-56700-99	SW-100 (4.5')	Total/NA	Solid	8015 NM	
880-56700-100	SW-101 (4.5')	Total/NA	Solid	8015 NM	
880-56700-101	SW-102 (4.5')	Total/NA	Solid	8015 NM	
880-56700-102	SW-103 (4.5')	Total/NA	Solid	8015 NM	
880-56700-103	SW-104 (4.5')	Total/NA	Solid	8015 NM	
880-56700-104	SW-105 (4.5')	Total/NA	Solid	8015 NM	
880-56700-105	SW-106 (4.5')	Total/NA	Solid	8015 NM	
880-56700-106	SW-107 (4.5')	Total/NA	Solid	8015 NM	
880-56700-107	SW-108 (4.5')	Total/NA	Solid	8015 NM	
880-56700-108	SW-109 (4.5')	Total/NA	Solid	8015 NM	
880-56700-109	SW-110 (4.5')	Total/NA	Solid	8015 NM	
880-56700-110	SW-111 (4.5')	Total/NA	Solid	8015 NM	
880-56700-111	SW-112 (4.5')	Total/NA	Solid	8015 NM	
880-56700-112	SW-113 (4.5')	Total/NA	Solid	8015 NM	
880-56700-113	SW-114 (4.5')	Total/NA	Solid	8015 NM	
880-56700-114	SW-115 (4.5')	Total/NA	Solid	8015 NM	
880-56700-115	SW-116 (4.5')	Total/NA	Solid	8015 NM	
880-56700-116	SW-117 (4.5')	Total/NA	Solid	8015 NM	
880-56700-117	SW-118 (4.5')	Total/NA	Solid	8015 NM	
880-56700-118	SW-119 (4.5')	Total/NA	Solid	8015 NM	
880-56700-119	SW-120 (4.5')	Total/NA	Solid	8015 NM	
880-56700-120	SW-121 (4.5')	Total/NA	Solid	8015 NM	
880-56700-121	SW-122 (4.5')	Total/NA	Solid	8015 NM	
880-56700-122	SW-123 (4.5')	Total/NA	Solid	8015 NM	
880-56700-123	SW-124 (4.5')	Total/NA	Solid	8015 NM	
880-56700-124	SW-125 (4.5')	Total/NA	Solid	8015 NM	
880-56700-125	SW-126 (4.5')	Total/NA	Solid	8015 NM	
880-56700-126	SW-127 (4.5')	Total/NA	Solid	8015 NM	
880-56700-127	SW-128 (4.5')	Total/NA	Solid	8015 NM	
880-56700-128	SW-129 (4.5')	Total/NA	Solid	8015 NM	
880-56700-129	SW-130 (4.5')	Total/NA	Solid	8015 NM	
880-56700-130	SW-131 (4.5')	Total/NA	Solid	8015 NM	
880-56700-131	SW-132 (4.5')	Total/NA	Solid	8015 NM	
880-56700-132	SW-133 (4.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 107410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-133	SW-134 (4.5')	Total/NA	Solid	8015 NM	
880-56700-134	SW-135 (4.5')	Total/NA	Solid	8015 NM	

Prep Batch: 107417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-102	SW-103 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-103	SW-104 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-104	SW-105 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-105	SW-106 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-106	SW-107 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-107	SW-108 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-108	SW-109 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-109	SW-110 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-110	SW-111 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-111	SW-112 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-112	SW-113 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-113	SW-114 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-114	SW-115 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-115	SW-116 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-116	SW-117 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-117	SW-118 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-118	SW-119 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-119	SW-120 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-120	SW-121 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-121	SW-122 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107417/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107417/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107417/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56700-102 MS	SW-103 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-102 MSD	SW-103 (4.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 107423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-122	SW-123 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-123	SW-124 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-124	SW-125 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-125	SW-126 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-126	SW-127 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-127	SW-128 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-128	SW-129 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-129	SW-130 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-130	SW-131 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-131	SW-132 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-132	SW-133 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-133	SW-134 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-134	SW-135 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-107423/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107423/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107423/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56700-122 MS	SW-123 (4.5')	Total/NA	Solid	8015NM Prep	
880-56700-122 MSD	SW-123 (4.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 107472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-122	SW-123 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-123	SW-124 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-124	SW-125 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-125	SW-126 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-126	SW-127 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-127	SW-128 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-128	SW-129 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-129	SW-130 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-130	SW-131 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-131	SW-132 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-132	SW-133 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-133	SW-134 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-134	SW-135 (4.5')	Total/NA	Solid	8015B NM	107423
MB 880-107423/1-A	Method Blank	Total/NA	Solid	8015B NM	107423
LCS 880-107423/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107423
LCSD 880-107423/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107423
880-56700-122 MS	SW-123 (4.5')	Total/NA	Solid	8015B NM	107423
880-56700-122 MSD	SW-123 (4.5')	Total/NA	Solid	8015B NM	107423

HPLC/IC

Leach Batch: 107320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-1	SW-2 (2.5')	Soluble	Solid	DI Leach	
880-56700-2	SW-3 (2.5')	Soluble	Solid	DI Leach	
880-56700-3	SW-4 (2.5')	Soluble	Solid	DI Leach	
880-56700-4	SW-5 (2.5')	Soluble	Solid	DI Leach	
880-56700-5	SW-6 (2.5')	Soluble	Solid	DI Leach	
880-56700-6	SW-7 (2.5')	Soluble	Solid	DI Leach	
880-56700-7	SW-8 (2.5')	Soluble	Solid	DI Leach	
880-56700-8	SW-9 (2')	Soluble	Solid	DI Leach	
880-56700-9	SW-10 (4.5')	Soluble	Solid	DI Leach	
880-56700-10	SW-11 (4.5')	Soluble	Solid	DI Leach	
880-56700-11	SW-12 (4.5')	Soluble	Solid	DI Leach	
880-56700-12	SW-13 (4.5')	Soluble	Solid	DI Leach	
880-56700-13	SW-14 (4.5')	Soluble	Solid	DI Leach	
880-56700-14	SW-15 (4.5')	Soluble	Solid	DI Leach	
880-56700-15	SW-16 (4.5')	Soluble	Solid	DI Leach	
880-56700-16	SW-17 (4.5')	Soluble	Solid	DI Leach	
880-56700-17	SW-18 (4.5')	Soluble	Solid	DI Leach	
880-56700-18	SW-19 (4.5')	Soluble	Solid	DI Leach	
880-56700-19	SW-20 (4.5')	Soluble	Solid	DI Leach	
880-56700-20	SW-21 (4.5')	Soluble	Solid	DI Leach	
MB 880-107320/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107320/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107320/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56700-1 MS	SW-2 (2.5')	Soluble	Solid	DI Leach	
880-56700-1 MSD	SW-2 (2.5')	Soluble	Solid	DI Leach	
880-56700-11 MS	SW-12 (4.5')	Soluble	Solid	DI Leach	
880-56700-11 MSD	SW-12 (4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 107323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-21	SW-22 (4.5')	Soluble	Solid	DI Leach	
880-56700-22	SW-23 (4.5')	Soluble	Solid	DI Leach	
880-56700-23	SW-24 (4.5')	Soluble	Solid	DI Leach	
880-56700-24	SW-25 (4.5')	Soluble	Solid	DI Leach	
880-56700-25	SW-26 (4.5')	Soluble	Solid	DI Leach	
880-56700-26	SW-27 (4.5')	Soluble	Solid	DI Leach	
880-56700-27	SW-28 (4.5')	Soluble	Solid	DI Leach	
880-56700-28	SW-29 (4.5')	Soluble	Solid	DI Leach	
880-56700-29	SW-30 (4.5')	Soluble	Solid	DI Leach	
880-56700-30	SW-31 (4.5')	Soluble	Solid	DI Leach	
880-56700-31	SW-32 (4.5')	Soluble	Solid	DI Leach	
880-56700-32	SW-33 (4.5')	Soluble	Solid	DI Leach	
880-56700-33	SW-34 (4.5')	Soluble	Solid	DI Leach	
880-56700-34	SW-35 (4.5')	Soluble	Solid	DI Leach	
880-56700-35	SW-36 (4.5')	Soluble	Solid	DI Leach	
880-56700-36	SW-37 (4.5')	Soluble	Solid	DI Leach	
880-56700-37	SW-38 (4.5')	Soluble	Solid	DI Leach	
880-56700-38	SW-39 (4.5')	Soluble	Solid	DI Leach	
880-56700-39	SW-40 (4.5')	Soluble	Solid	DI Leach	
880-56700-40	SW-41 (4.5')	Soluble	Solid	DI Leach	
MB 880-107323/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107323/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107323/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56700-21 MS	SW-22 (4.5')	Soluble	Solid	DI Leach	
880-56700-21 MSD	SW-22 (4.5')	Soluble	Solid	DI Leach	
880-56700-31 MS	SW-32 (4.5')	Soluble	Solid	DI Leach	
880-56700-31 MSD	SW-32 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 107324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-41	SW-42 (4.5')	Soluble	Solid	DI Leach	
880-56700-42	SW-43 (4.5')	Soluble	Solid	DI Leach	
880-56700-43	SW-44 (4.5')	Soluble	Solid	DI Leach	
880-56700-44	SW-45 (4.5')	Soluble	Solid	DI Leach	
880-56700-45	SW-46 (4.5')	Soluble	Solid	DI Leach	
880-56700-46	SW-47 (4.5')	Soluble	Solid	DI Leach	
880-56700-47	SW-48 (1')	Soluble	Solid	DI Leach	
880-56700-48	SW-49 (3.5')	Soluble	Solid	DI Leach	
880-56700-49	SW-50 (3.5')	Soluble	Solid	DI Leach	
880-56700-50	SW-51 (3.5')	Soluble	Solid	DI Leach	
880-56700-51	SW-52 (3.5')	Soluble	Solid	DI Leach	
880-56700-52	SW-53 (3.5')	Soluble	Solid	DI Leach	
880-56700-53	SW-54 (3.5')	Soluble	Solid	DI Leach	
880-56700-54	SW-55 (3.5')	Soluble	Solid	DI Leach	
880-56700-55	SW-56 (3.5')	Soluble	Solid	DI Leach	
880-56700-56	SW-57 (3.5')	Soluble	Solid	DI Leach	
880-56700-57	SW-58 (1')	Soluble	Solid	DI Leach	
880-56700-58	SW-59 (4.5')	Soluble	Solid	DI Leach	
880-56700-59	SW-60 (4.5')	Soluble	Solid	DI Leach	
880-56700-60	SW-61 (4.5')	Soluble	Solid	DI Leach	
MB 880-107324/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 107324 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-107324/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107324/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56700-41 MS	SW-42 (4.5')	Soluble	Solid	DI Leach	
880-56700-41 MSD	SW-42 (4.5')	Soluble	Solid	DI Leach	
880-56700-51 MS	SW-52 (3.5')	Soluble	Solid	DI Leach	
880-56700-51 MSD	SW-52 (3.5')	Soluble	Solid	DI Leach	

Leach Batch: 107325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-61	SW-62 (4.5')	Soluble	Solid	DI Leach	
880-56700-62	SW-63 (4.5')	Soluble	Solid	DI Leach	
880-56700-63	SW-64 (4.5')	Soluble	Solid	DI Leach	
880-56700-64	SW-65 (4.5')	Soluble	Solid	DI Leach	
880-56700-65	SW-66 (4.5')	Soluble	Solid	DI Leach	
880-56700-66	SW-67 (4.5')	Soluble	Solid	DI Leach	
880-56700-67	SW-68 (4.5')	Soluble	Solid	DI Leach	
880-56700-68	SW-69 (4.5')	Soluble	Solid	DI Leach	
880-56700-69	SW-70 (4.5')	Soluble	Solid	DI Leach	
880-56700-70	SW-71 (4.5')	Soluble	Solid	DI Leach	
880-56700-71	SW-72 (4.5')	Soluble	Solid	DI Leach	
880-56700-72	SW-73 (4.5')	Soluble	Solid	DI Leach	
880-56700-73	SW-74 (4.5')	Soluble	Solid	DI Leach	
880-56700-74	SW-75 (4.5')	Soluble	Solid	DI Leach	
880-56700-75	SW-76 (4.5')	Soluble	Solid	DI Leach	
880-56700-76	SW-77 (4.5')	Soluble	Solid	DI Leach	
880-56700-77	SW-78 (4.5')	Soluble	Solid	DI Leach	
880-56700-78	SW-79 (4.5')	Soluble	Solid	DI Leach	
880-56700-79	SW-80 (4.5')	Soluble	Solid	DI Leach	
880-56700-80	SW-81 (4.5')	Soluble	Solid	DI Leach	
MB 880-107325/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107325/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107325/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56700-61 MS	SW-62 (4.5')	Soluble	Solid	DI Leach	
880-56700-61 MSD	SW-62 (4.5')	Soluble	Solid	DI Leach	
880-56700-71 MS	SW-72 (4.5')	Soluble	Solid	DI Leach	
880-56700-71 MSD	SW-72 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 107326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-81	SW-82 (4.5')	Soluble	Solid	DI Leach	
880-56700-82	SW-83 (4.5')	Soluble	Solid	DI Leach	
880-56700-83	SW-84 (4.5')	Soluble	Solid	DI Leach	
880-56700-84	SW-85 (4.5')	Soluble	Solid	DI Leach	
880-56700-85	SW-86 (4.5')	Soluble	Solid	DI Leach	
880-56700-86	SW-87 (4.5')	Soluble	Solid	DI Leach	
880-56700-87	SW-88 (4.5')	Soluble	Solid	DI Leach	
880-56700-88	SW-89 (4.5')	Soluble	Solid	DI Leach	
880-56700-89	SW-90 (4.5')	Soluble	Solid	DI Leach	
880-56700-90	SW-91 (4.5')	Soluble	Solid	DI Leach	
880-56700-91	SW-92 (4.5')	Soluble	Solid	DI Leach	
880-56700-92	SW-93 (4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 107326 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-93	SW-94 (4.5')	Soluble	Solid	DI Leach	
880-56700-94	SW-95 (4.5')	Soluble	Solid	DI Leach	
880-56700-95	SW-96 (4.5')	Soluble	Solid	DI Leach	
880-56700-96	SW-97 (4.5')	Soluble	Solid	DI Leach	
880-56700-97	SW-98 (4.5')	Soluble	Solid	DI Leach	
880-56700-98	SW-99 (4.5')	Soluble	Solid	DI Leach	
880-56700-99	SW-100 (4.5')	Soluble	Solid	DI Leach	
880-56700-100	SW-101 (4.5')	Soluble	Solid	DI Leach	
MB 880-107326/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107326/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107326/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56700-81 MS	SW-82 (4.5')	Soluble	Solid	DI Leach	
880-56700-81 MSD	SW-82 (4.5')	Soluble	Solid	DI Leach	
880-56700-91 MS	SW-92 (4.5')	Soluble	Solid	DI Leach	
880-56700-91 MSD	SW-92 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 107327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-101	SW-102 (4.5')	Soluble	Solid	DI Leach	
880-56700-102	SW-103 (4.5')	Soluble	Solid	DI Leach	
880-56700-103	SW-104 (4.5')	Soluble	Solid	DI Leach	
880-56700-104	SW-105 (4.5')	Soluble	Solid	DI Leach	
880-56700-105	SW-106 (4.5')	Soluble	Solid	DI Leach	
880-56700-106	SW-107 (4.5')	Soluble	Solid	DI Leach	
880-56700-107	SW-108 (4.5')	Soluble	Solid	DI Leach	
880-56700-108	SW-109 (4.5')	Soluble	Solid	DI Leach	
880-56700-109	SW-110 (4.5')	Soluble	Solid	DI Leach	
880-56700-110	SW-111 (4.5')	Soluble	Solid	DI Leach	
880-56700-111	SW-112 (4.5')	Soluble	Solid	DI Leach	
880-56700-112	SW-113 (4.5')	Soluble	Solid	DI Leach	
880-56700-113	SW-114 (4.5')	Soluble	Solid	DI Leach	
880-56700-114	SW-115 (4.5')	Soluble	Solid	DI Leach	
880-56700-115	SW-116 (4.5')	Soluble	Solid	DI Leach	
880-56700-116	SW-117 (4.5')	Soluble	Solid	DI Leach	
880-56700-117	SW-118 (4.5')	Soluble	Solid	DI Leach	
880-56700-118	SW-119 (4.5')	Soluble	Solid	DI Leach	
880-56700-119	SW-120 (4.5')	Soluble	Solid	DI Leach	
880-56700-120	SW-121 (4.5')	Soluble	Solid	DI Leach	
MB 880-107327/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107327/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107327/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56700-101 MS	SW-102 (4.5')	Soluble	Solid	DI Leach	
880-56700-101 MSD	SW-102 (4.5')	Soluble	Solid	DI Leach	
880-56700-111 MS	SW-112 (4.5')	Soluble	Solid	DI Leach	
880-56700-111 MSD	SW-112 (4.5')	Soluble	Solid	DI Leach	

Leach Batch: 107329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-121	SW-122 (4.5')	Soluble	Solid	DI Leach	
880-56700-122	SW-123 (4.5')	Soluble	Solid	DI Leach	
880-56700-123	SW-124 (4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 107329 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-124	SW-125 (4.5')	Soluble	Solid	DI Leach	
880-56700-125	SW-126 (4.5')	Soluble	Solid	DI Leach	
880-56700-126	SW-127 (4.5')	Soluble	Solid	DI Leach	
880-56700-127	SW-128 (4.5')	Soluble	Solid	DI Leach	
880-56700-128	SW-129 (4.5')	Soluble	Solid	DI Leach	
880-56700-129	SW-130 (4.5')	Soluble	Solid	DI Leach	
880-56700-130	SW-131 (4.5')	Soluble	Solid	DI Leach	
880-56700-131	SW-132 (4.5')	Soluble	Solid	DI Leach	
880-56700-132	SW-133 (4.5')	Soluble	Solid	DI Leach	
880-56700-133	SW-134 (4.5')	Soluble	Solid	DI Leach	
880-56700-134	SW-135 (4.5')	Soluble	Solid	DI Leach	
MB 880-107329/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107329/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107329/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56700-121 MS	SW-122 (4.5')	Soluble	Solid	DI Leach	
880-56700-121 MSD	SW-122 (4.5')	Soluble	Solid	DI Leach	
880-56700-131 MS	SW-132 (4.5')	Soluble	Solid	DI Leach	
880-56700-131 MSD	SW-132 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 107336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-1	SW-2 (2.5')	Soluble	Solid	300.0	107320
880-56700-2	SW-3 (2.5')	Soluble	Solid	300.0	107320
880-56700-3	SW-4 (2.5')	Soluble	Solid	300.0	107320
880-56700-4	SW-5 (2.5')	Soluble	Solid	300.0	107320
880-56700-5	SW-6 (2.5')	Soluble	Solid	300.0	107320
880-56700-6	SW-7 (2.5')	Soluble	Solid	300.0	107320
880-56700-7	SW-8 (2.5')	Soluble	Solid	300.0	107320
880-56700-8	SW-9 (2')	Soluble	Solid	300.0	107320
880-56700-9	SW-10 (4.5')	Soluble	Solid	300.0	107320
880-56700-10	SW-11 (4.5')	Soluble	Solid	300.0	107320
880-56700-11	SW-12 (4.5')	Soluble	Solid	300.0	107320
880-56700-12	SW-13 (4.5')	Soluble	Solid	300.0	107320
880-56700-13	SW-14 (4.5')	Soluble	Solid	300.0	107320
880-56700-14	SW-15 (4.5')	Soluble	Solid	300.0	107320
880-56700-15	SW-16 (4.5')	Soluble	Solid	300.0	107320
880-56700-16	SW-17 (4.5')	Soluble	Solid	300.0	107320
880-56700-17	SW-18 (4.5')	Soluble	Solid	300.0	107320
880-56700-18	SW-19 (4.5')	Soluble	Solid	300.0	107320
880-56700-19	SW-20 (4.5')	Soluble	Solid	300.0	107320
880-56700-20	SW-21 (4.5')	Soluble	Solid	300.0	107320
MB 880-107320/1-A	Method Blank	Soluble	Solid	300.0	107320
LCS 880-107320/2-A	Lab Control Sample	Soluble	Solid	300.0	107320
LCSD 880-107320/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107320
880-56700-1 MS	SW-2 (2.5')	Soluble	Solid	300.0	107320
880-56700-1 MSD	SW-2 (2.5')	Soluble	Solid	300.0	107320
880-56700-11 MS	SW-12 (4.5')	Soluble	Solid	300.0	107320
880-56700-11 MSD	SW-12 (4.5')	Soluble	Solid	300.0	107320

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 107337

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-21	SW-22 (4.5')	Soluble	Solid	300.0	107323
880-56700-22	SW-23 (4.5')	Soluble	Solid	300.0	107323
880-56700-23	SW-24 (4.5')	Soluble	Solid	300.0	107323
880-56700-24	SW-25 (4.5')	Soluble	Solid	300.0	107323
880-56700-25	SW-26 (4.5')	Soluble	Solid	300.0	107323
880-56700-26	SW-27 (4.5')	Soluble	Solid	300.0	107323
880-56700-27	SW-28 (4.5')	Soluble	Solid	300.0	107323
880-56700-28	SW-29 (4.5')	Soluble	Solid	300.0	107323
880-56700-29	SW-30 (4.5')	Soluble	Solid	300.0	107323
880-56700-30	SW-31 (4.5')	Soluble	Solid	300.0	107323
880-56700-31	SW-32 (4.5')	Soluble	Solid	300.0	107323
880-56700-32	SW-33 (4.5')	Soluble	Solid	300.0	107323
880-56700-33	SW-34 (4.5')	Soluble	Solid	300.0	107323
880-56700-34	SW-35 (4.5')	Soluble	Solid	300.0	107323
880-56700-35	SW-36 (4.5')	Soluble	Solid	300.0	107323
880-56700-36	SW-37 (4.5')	Soluble	Solid	300.0	107323
880-56700-37	SW-38 (4.5')	Soluble	Solid	300.0	107323
880-56700-38	SW-39 (4.5')	Soluble	Solid	300.0	107323
880-56700-39	SW-40 (4.5')	Soluble	Solid	300.0	107323
880-56700-40	SW-41 (4.5')	Soluble	Solid	300.0	107323
MB 880-107323/1-A	Method Blank	Soluble	Solid	300.0	107323
LCS 880-107323/2-A	Lab Control Sample	Soluble	Solid	300.0	107323
LCSD 880-107323/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107323
880-56700-21 MS	SW-22 (4.5')	Soluble	Solid	300.0	107323
880-56700-21 MSD	SW-22 (4.5')	Soluble	Solid	300.0	107323
880-56700-31 MS	SW-32 (4.5')	Soluble	Solid	300.0	107323
880-56700-31 MSD	SW-32 (4.5')	Soluble	Solid	300.0	107323

Analysis Batch: 107338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-41	SW-42 (4.5')	Soluble	Solid	300.0	107324
880-56700-42	SW-43 (4.5')	Soluble	Solid	300.0	107324
880-56700-43	SW-44 (4.5')	Soluble	Solid	300.0	107324
880-56700-44	SW-45 (4.5')	Soluble	Solid	300.0	107324
880-56700-45	SW-46 (4.5')	Soluble	Solid	300.0	107324
880-56700-46	SW-47 (4.5')	Soluble	Solid	300.0	107324
880-56700-47	SW-48 (1')	Soluble	Solid	300.0	107324
880-56700-48	SW-49 (3.5')	Soluble	Solid	300.0	107324
880-56700-49	SW-50 (3.5')	Soluble	Solid	300.0	107324
880-56700-50	SW-51 (3.5')	Soluble	Solid	300.0	107324
880-56700-51	SW-52 (3.5')	Soluble	Solid	300.0	107324
880-56700-52	SW-53 (3.5')	Soluble	Solid	300.0	107324
880-56700-53	SW-54 (3.5')	Soluble	Solid	300.0	107324
880-56700-54	SW-55 (3.5')	Soluble	Solid	300.0	107324
880-56700-55	SW-56 (3.5')	Soluble	Solid	300.0	107324
880-56700-56	SW-57 (3.5')	Soluble	Solid	300.0	107324
880-56700-57	SW-58 (1')	Soluble	Solid	300.0	107324
880-56700-58	SW-59 (4.5')	Soluble	Solid	300.0	107324
880-56700-59	SW-60 (4.5')	Soluble	Solid	300.0	107324
880-56700-60	SW-61 (4.5')	Soluble	Solid	300.0	107324
MB 880-107324/1-A	Method Blank	Soluble	Solid	300.0	107324

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 107338 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-107324/2-A	Lab Control Sample	Soluble	Solid	300.0	107324
LCSD 880-107324/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107324
880-56700-41 MS	SW-42 (4.5')	Soluble	Solid	300.0	107324
880-56700-41 MSD	SW-42 (4.5')	Soluble	Solid	300.0	107324
880-56700-51 MS	SW-52 (3.5')	Soluble	Solid	300.0	107324
880-56700-51 MSD	SW-52 (3.5')	Soluble	Solid	300.0	107324

Analysis Batch: 107357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-61	SW-62 (4.5')	Soluble	Solid	300.0	107325
880-56700-62	SW-63 (4.5')	Soluble	Solid	300.0	107325
880-56700-63	SW-64 (4.5')	Soluble	Solid	300.0	107325
880-56700-64	SW-65 (4.5')	Soluble	Solid	300.0	107325
880-56700-65	SW-66 (4.5')	Soluble	Solid	300.0	107325
880-56700-66	SW-67 (4.5')	Soluble	Solid	300.0	107325
880-56700-67	SW-68 (4.5')	Soluble	Solid	300.0	107325
880-56700-68	SW-69 (4.5')	Soluble	Solid	300.0	107325
880-56700-69	SW-70 (4.5')	Soluble	Solid	300.0	107325
880-56700-70	SW-71 (4.5')	Soluble	Solid	300.0	107325
880-56700-71	SW-72 (4.5')	Soluble	Solid	300.0	107325
880-56700-72	SW-73 (4.5')	Soluble	Solid	300.0	107325
880-56700-73	SW-74 (4.5')	Soluble	Solid	300.0	107325
880-56700-74	SW-75 (4.5')	Soluble	Solid	300.0	107325
880-56700-75	SW-76 (4.5')	Soluble	Solid	300.0	107325
880-56700-76	SW-77 (4.5')	Soluble	Solid	300.0	107325
880-56700-77	SW-78 (4.5')	Soluble	Solid	300.0	107325
880-56700-78	SW-79 (4.5')	Soluble	Solid	300.0	107325
880-56700-79	SW-80 (4.5')	Soluble	Solid	300.0	107325
880-56700-80	SW-81 (4.5')	Soluble	Solid	300.0	107325
MB 880-107325/1-A	Method Blank	Soluble	Solid	300.0	107325
LCS 880-107325/2-A	Lab Control Sample	Soluble	Solid	300.0	107325
LCSD 880-107325/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107325
880-56700-61 MS	SW-62 (4.5')	Soluble	Solid	300.0	107325
880-56700-61 MSD	SW-62 (4.5')	Soluble	Solid	300.0	107325
880-56700-71 MS	SW-72 (4.5')	Soluble	Solid	300.0	107325
880-56700-71 MSD	SW-72 (4.5')	Soluble	Solid	300.0	107325

Analysis Batch: 107360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-81	SW-82 (4.5')	Soluble	Solid	300.0	107326
880-56700-82	SW-83 (4.5')	Soluble	Solid	300.0	107326
880-56700-83	SW-84 (4.5')	Soluble	Solid	300.0	107326
880-56700-84	SW-85 (4.5')	Soluble	Solid	300.0	107326
880-56700-85	SW-86 (4.5')	Soluble	Solid	300.0	107326
880-56700-86	SW-87 (4.5')	Soluble	Solid	300.0	107326
880-56700-87	SW-88 (4.5')	Soluble	Solid	300.0	107326
880-56700-88	SW-89 (4.5')	Soluble	Solid	300.0	107326
880-56700-89	SW-90 (4.5')	Soluble	Solid	300.0	107326
880-56700-90	SW-91 (4.5')	Soluble	Solid	300.0	107326
880-56700-91	SW-92 (4.5')	Soluble	Solid	300.0	107326
880-56700-92	SW-93 (4.5')	Soluble	Solid	300.0	107326

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 107360 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-93	SW-94 (4.5')	Soluble	Solid	300.0	107326
880-56700-94	SW-95 (4.5')	Soluble	Solid	300.0	107326
880-56700-95	SW-96 (4.5')	Soluble	Solid	300.0	107326
880-56700-96	SW-97 (4.5')	Soluble	Solid	300.0	107326
880-56700-97	SW-98 (4.5')	Soluble	Solid	300.0	107326
880-56700-98	SW-99 (4.5')	Soluble	Solid	300.0	107326
880-56700-99	SW-100 (4.5')	Soluble	Solid	300.0	107326
880-56700-100	SW-101 (4.5')	Soluble	Solid	300.0	107326
MB 880-107326/1-A	Method Blank	Soluble	Solid	300.0	107326
LCS 880-107326/2-A	Lab Control Sample	Soluble	Solid	300.0	107326
LCSD 880-107326/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107326
880-56700-81 MS	SW-82 (4.5')	Soluble	Solid	300.0	107326
880-56700-81 MSD	SW-82 (4.5')	Soluble	Solid	300.0	107326
880-56700-91 MS	SW-92 (4.5')	Soluble	Solid	300.0	107326
880-56700-91 MSD	SW-92 (4.5')	Soluble	Solid	300.0	107326

Analysis Batch: 107361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-101	SW-102 (4.5')	Soluble	Solid	300.0	107327
880-56700-102	SW-103 (4.5')	Soluble	Solid	300.0	107327
880-56700-103	SW-104 (4.5')	Soluble	Solid	300.0	107327
880-56700-104	SW-105 (4.5')	Soluble	Solid	300.0	107327
880-56700-105	SW-106 (4.5')	Soluble	Solid	300.0	107327
880-56700-106	SW-107 (4.5')	Soluble	Solid	300.0	107327
880-56700-107	SW-108 (4.5')	Soluble	Solid	300.0	107327
880-56700-108	SW-109 (4.5')	Soluble	Solid	300.0	107327
880-56700-109	SW-110 (4.5')	Soluble	Solid	300.0	107327
880-56700-110	SW-111 (4.5')	Soluble	Solid	300.0	107327
880-56700-111	SW-112 (4.5')	Soluble	Solid	300.0	107327
880-56700-112	SW-113 (4.5')	Soluble	Solid	300.0	107327
880-56700-113	SW-114 (4.5')	Soluble	Solid	300.0	107327
880-56700-114	SW-115 (4.5')	Soluble	Solid	300.0	107327
880-56700-115	SW-116 (4.5')	Soluble	Solid	300.0	107327
880-56700-116	SW-117 (4.5')	Soluble	Solid	300.0	107327
880-56700-117	SW-118 (4.5')	Soluble	Solid	300.0	107327
880-56700-118	SW-119 (4.5')	Soluble	Solid	300.0	107327
880-56700-119	SW-120 (4.5')	Soluble	Solid	300.0	107327
880-56700-120	SW-121 (4.5')	Soluble	Solid	300.0	107327
MB 880-107327/1-A	Method Blank	Soluble	Solid	300.0	107327
LCS 880-107327/2-A	Lab Control Sample	Soluble	Solid	300.0	107327
LCSD 880-107327/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107327
880-56700-101 MS	SW-102 (4.5')	Soluble	Solid	300.0	107327
880-56700-101 MSD	SW-102 (4.5')	Soluble	Solid	300.0	107327
880-56700-111 MS	SW-112 (4.5')	Soluble	Solid	300.0	107327
880-56700-111 MSD	SW-112 (4.5')	Soluble	Solid	300.0	107327

Analysis Batch: 107374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-121	SW-122 (4.5')	Soluble	Solid	300.0	107329
880-56700-122	SW-123 (4.5')	Soluble	Solid	300.0	107329
880-56700-123	SW-124 (4.5')	Soluble	Solid	300.0	107329

QC Association Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 107374 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-124	SW-125 (4.5')	Soluble	Solid	300.0	107329
880-56700-125	SW-126 (4.5')	Soluble	Solid	300.0	107329
880-56700-126	SW-127 (4.5')	Soluble	Solid	300.0	107329
880-56700-127	SW-128 (4.5')	Soluble	Solid	300.0	107329
880-56700-128	SW-129 (4.5')	Soluble	Solid	300.0	107329
880-56700-129	SW-130 (4.5')	Soluble	Solid	300.0	107329
880-56700-130	SW-131 (4.5')	Soluble	Solid	300.0	107329
880-56700-131	SW-132 (4.5')	Soluble	Solid	300.0	107329
880-56700-132	SW-133 (4.5')	Soluble	Solid	300.0	107329
880-56700-133	SW-134 (4.5')	Soluble	Solid	300.0	107329
880-56700-134	SW-135 (4.5')	Soluble	Solid	300.0	107329
MB 880-107329/1-A	Method Blank	Soluble	Solid	300.0	107329
LCS 880-107329/2-A	Lab Control Sample	Soluble	Solid	300.0	107329
LCSD 880-107329/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107329
880-56700-121 MS	SW-122 (4.5')	Soluble	Solid	300.0	107329
880-56700-121 MSD	SW-122 (4.5')	Soluble	Solid	300.0	107329
880-56700-131 MS	SW-132 (4.5')	Soluble	Solid	300.0	107329
880-56700-131 MSD	SW-132 (4.5')	Soluble	Solid	300.0	107329

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-2 (2.5')

Lab Sample ID: 880-56700-1
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 14:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 14:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 13:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107293	04/10/25 08:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 13:37	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 13:04	CH	EET MID

Client Sample ID: SW-3 (2.5')

Lab Sample ID: 880-56700-2
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 14:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 18:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 18:44	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 13:26	CH	EET MID

Client Sample ID: SW-4 (2.5')

Lab Sample ID: 880-56700-3
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 15:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 15:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 19:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 19:28	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 13:33	CH	EET MID

Client Sample ID: SW-5 (2.5')

Lab Sample ID: 880-56700-4
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 15:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 15:22	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-5 (2.5')

Lab Sample ID: 880-56700-4
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/10/25 19:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 19:43	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 13:40	CH	EET MID

Client Sample ID: SW-6 (2.5')

Lab Sample ID: 880-56700-5
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 17:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 19:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 19:58	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 13:48	CH	EET MID

Client Sample ID: SW-7 (2.5')

Lab Sample ID: 880-56700-6
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 17:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 20:13	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 14:09	CH	EET MID

Client Sample ID: SW-8 (2.5')

Lab Sample ID: 880-56700-7
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 17:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 20:28	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-8 (2.5')

Lab Sample ID: 880-56700-7
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 14:16	CH	EET MID

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-56700-8
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 20:43	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 14:24	CH	EET MID

Client Sample ID: SW-10 (4.5')

Lab Sample ID: 880-56700-9
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 20:58	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 14:31	CH	EET MID

Client Sample ID: SW-11 (4.5')

Lab Sample ID: 880-56700-10
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 21:13	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 14:38	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-12 (4.5')

Lab Sample ID: 880-56700-11
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 21:28	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 14:45	CH	EET MID

Client Sample ID: SW-13 (4.5')

Lab Sample ID: 880-56700-12
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 15:07	CH	EET MID

Client Sample ID: SW-14 (4.5')

Lab Sample ID: 880-56700-13
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 22:13	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 15:14	CH	EET MID

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-56700-14
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107302	04/10/25 08:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107290	04/10/25 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 20:16	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-15 (4.5')

Lab Sample ID: 880-56700-14
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/10/25 22:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 22:28	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 15:35	CH	EET MID

Client Sample ID: SW-16 (4.5')

Lab Sample ID: 880-56700-15
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 14:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 22:42	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 15:43	CH	EET MID

Client Sample ID: SW-17 (4.5')

Lab Sample ID: 880-56700-16
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 14:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 22:57	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 15:50	CH	EET MID

Client Sample ID: SW-18 (4.5')

Lab Sample ID: 880-56700-17
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 14:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 23:13	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-18 (4.5')

Lab Sample ID: 880-56700-17
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 15:57	CH	EET MID

Client Sample ID: SW-19 (4.5')

Lab Sample ID: 880-56700-18
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 16:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 23:27	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 16:04	CH	EET MID

Client Sample ID: SW-20 (4.5')

Lab Sample ID: 880-56700-19
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 16:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 23:42	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 16:11	CH	EET MID

Client Sample ID: SW-21 (4.5')

Lab Sample ID: 880-56700-20
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/10/25 23:58	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107320	04/10/25 09:54	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107336	04/10/25 16:19	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-56700-21
Date Collected: 04/04/25 00:00
Matrix: Solid
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 17:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 00:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	107339	04/10/25 11:31	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 00:12	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 12:55	CH	EET MID

Client Sample ID: SW-23 (4.5')

Lab Sample ID: 880-56700-22
Date Collected: 04/04/25 00:00
Matrix: Solid
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 02:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 02:14	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 13:12	CH	EET MID

Client Sample ID: SW-24 (4.5')

Lab Sample ID: 880-56700-23
Date Collected: 04/04/25 00:00
Matrix: Solid
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 02:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 02:58	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 13:18	CH	EET MID

Client Sample ID: SW-25 (4.5')

Lab Sample ID: 880-56700-24
Date Collected: 04/04/25 00:00
Matrix: Solid
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:35	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-25 (4.5')

Lab Sample ID: 880-56700-24
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/11/25 03:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 03:14	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 13:24	CH	EET MID

Client Sample ID: SW-26 (4.5')

Lab Sample ID: 880-56700-25
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 03:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 03:28	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 13:30	CH	EET MID

Client Sample ID: SW-27 (4.5')

Lab Sample ID: 880-56700-26
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 03:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 03:45	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 14:05	CH	EET MID

Client Sample ID: SW-28 (4.5')

Lab Sample ID: 880-56700-27
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 03:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 03:59	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-28 (4.5')

Lab Sample ID: 880-56700-27
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 14:10	CH	EET MID

Client Sample ID: SW-29 (4.5')

Lab Sample ID: 880-56700-28
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 04:15	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 14:16	CH	EET MID

Client Sample ID: SW-30 (4.5')

Lab Sample ID: 880-56700-29
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 14:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 04:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 14:22	CH	EET MID

Client Sample ID: SW-31 (4.5')

Lab Sample ID: 880-56700-30
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 14:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 04:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 14:28	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-32 (4.5')

Lab Sample ID: 880-56700-31
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 14:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 04:59	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 14:33	CH	EET MID

Client Sample ID: SW-33 (4.5')

Lab Sample ID: 880-56700-32
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 16:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 05:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 05:28	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 14:51	CH	EET MID

Client Sample ID: SW-34 (4.5')

Lab Sample ID: 880-56700-33
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 16:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 05:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 05:43	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 14:56	CH	EET MID

Client Sample ID: SW-35 (4.5')

Lab Sample ID: 880-56700-34
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:13	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-35 (4.5')

Lab Sample ID: 880-56700-34
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/11/25 05:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 05:57	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 15:14	CH	EET MID

Client Sample ID: SW-36 (4.5')

Lab Sample ID: 880-56700-35
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 17:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 06:13	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 15:20	CH	EET MID

Client Sample ID: SW-37 (4.5')

Lab Sample ID: 880-56700-36
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 06:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 15:25	CH	EET MID

Client Sample ID: SW-38 (4.5')

Lab Sample ID: 880-56700-37
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 06:41	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-38 (4.5')

Lab Sample ID: 880-56700-37
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 15:31	CH	EET MID

Client Sample ID: SW-39 (4.5')

Lab Sample ID: 880-56700-38
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 06:56	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 15:37	CH	EET MID

Client Sample ID: SW-40 (4.5')

Lab Sample ID: 880-56700-39
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 07:10	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 15:43	CH	EET MID

Client Sample ID: SW-41 (4.5')

Lab Sample ID: 880-56700-40
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107296	04/10/25 08:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 07:25	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107323	04/10/25 09:57	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107337	04/10/25 15:48	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-42 (4.5')

Lab Sample ID: 880-56700-41
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 16:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	107354	04/10/25 11:35	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107310	04/11/25 07:40	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 14:41	CH	EET MID

Client Sample ID: SW-43 (4.5')

Lab Sample ID: 880-56700-42
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 16:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 18:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 18:44	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 15:04	CH	EET MID

Client Sample ID: SW-44 (4.5')

Lab Sample ID: 880-56700-43
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 19:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 19:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 15:11	CH	EET MID

Client Sample ID: SW-45 (4.5')

Lab Sample ID: 880-56700-44
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:40	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-45 (4.5')

Lab Sample ID: 880-56700-44
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/10/25 19:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 19:43	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 15:19	CH	EET MID

Client Sample ID: SW-46 (4.5')

Lab Sample ID: 880-56700-45
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 19:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 19:58	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 15:27	CH	EET MID

Client Sample ID: SW-47 (4.5')

Lab Sample ID: 880-56700-46
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 20:13	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 15:49	CH	EET MID

Client Sample ID: SW-48 (1')

Lab Sample ID: 880-56700-47
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 20:28	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-48 (1')

Lab Sample ID: 880-56700-47
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 15:56	CH	EET MID

Client Sample ID: SW-49 (3.5')

Lab Sample ID: 880-56700-48
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 20:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 16:04	CH	EET MID

Client Sample ID: SW-50 (3.5')

Lab Sample ID: 880-56700-49
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 20:58	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 16:11	CH	EET MID

Client Sample ID: SW-51 (3.5')

Lab Sample ID: 880-56700-50
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 21:13	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 16:19	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-52 (3.5')

Lab Sample ID: 880-56700-51
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 21:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 21:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 21:28	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 16:26	CH	EET MID

Client Sample ID: SW-53 (3.5')

Lab Sample ID: 880-56700-52
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 21:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 21:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 17:20	CH	EET MID

Client Sample ID: SW-54 (3.5')

Lab Sample ID: 880-56700-53
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 21:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 21:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 22:13	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 17:27	CH	EET MID

Client Sample ID: SW-55 (3.5')

Lab Sample ID: 880-56700-54
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 22:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:17	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-55 (3.5')

Lab Sample ID: 880-56700-54
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/10/25 22:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 22:28	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 17:49	CH	EET MID

Client Sample ID: SW-56 (3.5')

Lab Sample ID: 880-56700-55
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 22:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 22:42	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 17:57	CH	EET MID

Client Sample ID: SW-57 (3.5')

Lab Sample ID: 880-56700-56
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 22:57	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 18:04	CH	EET MID

Client Sample ID: SW-58 (1')

Lab Sample ID: 880-56700-57
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 23:13	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-58 (1')

Lab Sample ID: 880-56700-57
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 18:12	CH	EET MID

Client Sample ID: SW-59 (4.5')

Lab Sample ID: 880-56700-58
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 23:27	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 18:19	CH	EET MID

Client Sample ID: SW-60 (4.5')

Lab Sample ID: 880-56700-59
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/10/25 23:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 23:42	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 18:27	CH	EET MID

Client Sample ID: SW-61 (4.5')

Lab Sample ID: 880-56700-60
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107317	04/10/25 09:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107358	04/11/25 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 23:58	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107324	04/10/25 10:00	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107338	04/10/25 18:34	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-62 (4.5')

Lab Sample ID: 880-56700-61
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 16:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 00:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	107355	04/10/25 11:39	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 00:12	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 16:35	CH	EET MID

Client Sample ID: SW-63 (4.5')

Lab Sample ID: 880-56700-62
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 16:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 02:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 02:14	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 16:52	CH	EET MID

Client Sample ID: SW-64 (4.5')

Lab Sample ID: 880-56700-63
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 02:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 02:58	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 16:58	CH	EET MID

Client Sample ID: SW-65 (4.5')

Lab Sample ID: 880-56700-64
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:34	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-65 (4.5')

Lab Sample ID: 880-56700-64
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/11/25 03:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 03:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 17:03	CH	EET MID

Client Sample ID: SW-66 (4.5')

Lab Sample ID: 880-56700-65
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 17:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 03:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 03:28	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 17:09	CH	EET MID

Client Sample ID: SW-67 (4.5')

Lab Sample ID: 880-56700-66
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 03:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 03:45	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 17:26	CH	EET MID

Client Sample ID: SW-68 (4.5')

Lab Sample ID: 880-56700-67
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 03:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 03:59	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-68 (4.5')

Lab Sample ID: 880-56700-67
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 17:32	CH	EET MID

Client Sample ID: SW-69 (4.5')

Lab Sample ID: 880-56700-68
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 18:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 04:15	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 17:38	CH	EET MID

Client Sample ID: SW-70 (4.5')

Lab Sample ID: 880-56700-69
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 04:29	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 17:44	CH	EET MID

Client Sample ID: SW-71 (4.5')

Lab Sample ID: 880-56700-70
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 19:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 19:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 04:44	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 17:49	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-72 (4.5')

Lab Sample ID: 880-56700-71
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 21:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 21:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 04:59	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 17:55	CH	EET MID

Client Sample ID: SW-73 (4.5')

Lab Sample ID: 880-56700-72
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 21:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 21:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 05:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 05:28	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 18:13	CH	EET MID

Client Sample ID: SW-74 (4.5')

Lab Sample ID: 880-56700-73
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 21:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 21:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 05:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 05:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 18:19	CH	EET MID

Client Sample ID: SW-75 (4.5')

Lab Sample ID: 880-56700-74
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 22:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:02	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-75 (4.5')

Lab Sample ID: 880-56700-74
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/11/25 05:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 05:57	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 18:36	CH	EET MID

Client Sample ID: SW-76 (4.5')

Lab Sample ID: 880-56700-75
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 22:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 06:13	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 18:41	CH	EET MID

Client Sample ID: SW-77 (4.5')

Lab Sample ID: 880-56700-76
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 22:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 06:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 18:47	CH	EET MID

Client Sample ID: SW-78 (4.5')

Lab Sample ID: 880-56700-77
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 23:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 06:41	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-78 (4.5')

Lab Sample ID: 880-56700-77
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 18:53	CH	EET MID

Client Sample ID: SW-79 (4.5')

Lab Sample ID: 880-56700-78
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 23:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 06:56	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 18:59	CH	EET MID

Client Sample ID: SW-80 (4.5')

Lab Sample ID: 880-56700-79
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/10/25 23:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 07:10	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 19:04	CH	EET MID

Client Sample ID: SW-81 (4.5')

Lab Sample ID: 880-56700-80
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107318	04/10/25 09:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107359	04/11/25 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 07:25	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107325	04/10/25 10:02	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107357	04/10/25 19:10	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-82 (4.5')

Lab Sample ID: 880-56700-81
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/10/25 22:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107404	04/10/25 15:26	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/11/25 07:40	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 17:16	CH	EET MID

Client Sample ID: SW-83 (4.5')

Lab Sample ID: 880-56700-82
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/10/25 22:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 18:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 18:35	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 17:38	CH	EET MID

Client Sample ID: SW-84 (4.5')

Lab Sample ID: 880-56700-83
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/10/25 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 19:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 19:24	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 17:45	CH	EET MID

Client Sample ID: SW-85 (4.5')

Lab Sample ID: 880-56700-84
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/10/25 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:19	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-85 (4.5')

Lab Sample ID: 880-56700-84
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/10/25 19:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 19:40	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 17:52	CH	EET MID

Client Sample ID: SW-86 (4.5')

Lab Sample ID: 880-56700-85
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/10/25 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 19:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 19:57	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 17:59	CH	EET MID

Client Sample ID: SW-87 (4.5')

Lab Sample ID: 880-56700-86
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 20:13	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 18:21	CH	EET MID

Client Sample ID: SW-88 (4.5')

Lab Sample ID: 880-56700-87
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 20:29	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-88 (4.5')

Lab Sample ID: 880-56700-87
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 18:28	CH	EET MID

Client Sample ID: SW-89 (4.5')

Lab Sample ID: 880-56700-88
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 20:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 20:46	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 18:35	CH	EET MID

Client Sample ID: SW-90 (4.5')

Lab Sample ID: 880-56700-89
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 01:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 01:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 21:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 18:42	CH	EET MID

Client Sample ID: SW-91 (4.5')

Lab Sample ID: 880-56700-90
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 01:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 01:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 21:20	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 18:49	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-92 (4.5')

Lab Sample ID: 880-56700-91
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 02:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 02:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 21:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 21:37	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 18:57	CH	EET MID

Client Sample ID: SW-93 (4.5')

Lab Sample ID: 880-56700-92
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 03:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 03:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 22:09	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 19:18	CH	EET MID

Client Sample ID: SW-94 (4.5')

Lab Sample ID: 880-56700-93
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 03:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 22:25	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 19:25	CH	EET MID

Client Sample ID: SW-95 (4.5')

Lab Sample ID: 880-56700-94
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 03:46	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-95 (4.5')

Lab Sample ID: 880-56700-94
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/10/25 22:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 22:42	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 19:47	CH	EET MID

Client Sample ID: SW-96 (4.5')

Lab Sample ID: 880-56700-95
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 04:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 22:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 22:58	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 19:54	CH	EET MID

Client Sample ID: SW-97 (4.5')

Lab Sample ID: 880-56700-96
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 04:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 23:16	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 20:01	CH	EET MID

Client Sample ID: SW-98 (4.5')

Lab Sample ID: 880-56700-97
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 04:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 23:32	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-98 (4.5')

Lab Sample ID: 880-56700-97
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 20:09	CH	EET MID

Client Sample ID: SW-99 (4.5')

Lab Sample ID: 880-56700-98
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 05:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/10/25 23:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/10/25 23:48	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 20:16	CH	EET MID

Client Sample ID: SW-100 (4.5')

Lab Sample ID: 880-56700-99
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 05:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 05:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 00:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 00:04	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 20:23	CH	EET MID

Client Sample ID: SW-101 (4.5')

Lab Sample ID: 880-56700-100
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107319	04/10/25 09:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107285	04/11/25 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 05:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 00:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 00:37	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107326	04/10/25 10:04	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107360	04/10/25 20:30	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-102 (4.5')

Lab Sample ID: 880-56700-101
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 22:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 00:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107408	04/10/25 15:30	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 00:53	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 19:34	CH	EET MID

Client Sample ID: SW-103 (4.5')

Lab Sample ID: 880-56700-102
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 23:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 02:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 02:50	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 19:56	CH	EET MID

Client Sample ID: SW-104 (4.5')

Lab Sample ID: 880-56700-103
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 03:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 03:37	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 20:04	CH	EET MID

Client Sample ID: SW-105 (4.5')

Lab Sample ID: 880-56700-104
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 23:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:53	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-105 (4.5')

Lab Sample ID: 880-56700-104
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/11/25 03:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 03:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 20:11	CH	EET MID

Client Sample ID: SW-106 (4.5')

Lab Sample ID: 880-56700-105
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 00:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 04:11	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 20:19	CH	EET MID

Client Sample ID: SW-107 (4.5')

Lab Sample ID: 880-56700-106
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 00:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:34	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 04:26	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 20:41	CH	EET MID

Client Sample ID: SW-108 (4.5')

Lab Sample ID: 880-56700-107
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 04:44	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-108 (4.5')

Lab Sample ID: 880-56700-107
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 20:49	CH	EET MID

Client Sample ID: SW-109 (4.5')

Lab Sample ID: 880-56700-108
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 01:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 01:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 04:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 04:59	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 20:56	CH	EET MID

Client Sample ID: SW-110 (4.5')

Lab Sample ID: 880-56700-109
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 01:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 05:15	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 05:15	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 21:04	CH	EET MID

Client Sample ID: SW-111 (4.5')

Lab Sample ID: 880-56700-110
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 01:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 01:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 05:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 05:31	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 21:11	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-112 (4.5')

Lab Sample ID: 880-56700-111
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 03:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 03:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 05:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 05:47	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 21:19	CH	EET MID

Client Sample ID: SW-113 (4.5')

Lab Sample ID: 880-56700-112
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 03:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 03:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 06:19	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 21:41	CH	EET MID

Client Sample ID: SW-114 (4.5')

Lab Sample ID: 880-56700-113
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 04:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 04:11	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 06:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 06:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 21:49	CH	EET MID

Client Sample ID: SW-115 (4.5')

Lab Sample ID: 880-56700-114
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 04:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 04:32	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-115 (4.5')

Lab Sample ID: 880-56700-114
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/11/25 06:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 06:52	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 22:11	CH	EET MID

Client Sample ID: SW-116 (4.5')

Lab Sample ID: 880-56700-115
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 04:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 04:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 07:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 22:18	CH	EET MID

Client Sample ID: SW-117 (4.5')

Lab Sample ID: 880-56700-116
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 05:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 05:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 07:24	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 22:26	CH	EET MID

Client Sample ID: SW-118 (4.5')

Lab Sample ID: 880-56700-117
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 05:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 05:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 07:40	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-118 (4.5')

Lab Sample ID: 880-56700-117
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 22:33	CH	EET MID

Client Sample ID: SW-119 (4.5')

Lab Sample ID: 880-56700-118
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 05:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 05:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 07:57	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 07:57	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 22:41	CH	EET MID

Client Sample ID: SW-120 (4.5')

Lab Sample ID: 880-56700-119
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 06:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 06:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 08:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 08:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 22:48	CH	EET MID

Client Sample ID: SW-121 (4.5')

Lab Sample ID: 880-56700-120
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107330	04/10/25 10:15	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/11/25 06:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 06:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 08:29	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 08:29	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107327	04/10/25 10:06	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107361	04/10/25 22:56	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-122 (4.5')

Lab Sample ID: 880-56700-121
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 22:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 22:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 08:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107417	04/10/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107308	04/11/25 08:44	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 19:56	CH	EET MID

Client Sample ID: SW-123 (4.5')

Lab Sample ID: 880-56700-122
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 19:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 19:06	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 20:13	CH	EET MID

Client Sample ID: SW-124 (4.5')

Lab Sample ID: 880-56700-123
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 23:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 19:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 19:55	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 20:19	CH	EET MID

Client Sample ID: SW-125 (4.5')

Lab Sample ID: 880-56700-124
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/10/25 23:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/10/25 23:54	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-125 (4.5')

Lab Sample ID: 880-56700-124
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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			107410	04/11/25 20:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 20:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 20:25	CH	EET MID

Client Sample ID: SW-126 (4.5')

Lab Sample ID: 880-56700-125
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 00:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 20:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 20:27	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 20:31	CH	EET MID

Client Sample ID: SW-127 (4.5')

Lab Sample ID: 880-56700-126
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 00:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 20:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 20:43	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 20:48	CH	EET MID

Client Sample ID: SW-128 (4.5')

Lab Sample ID: 880-56700-127
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 00:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 21:00	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 21:00	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-128 (4.5')

Lab Sample ID: 880-56700-127
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 20:53	CH	EET MID

Client Sample ID: SW-129 (4.5')

Lab Sample ID: 880-56700-128
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 01:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 01:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 21:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 21:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 20:59	CH	EET MID

Client Sample ID: SW-130 (4.5')

Lab Sample ID: 880-56700-129
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 01:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 21:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 21:32	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 21:05	CH	EET MID

Client Sample ID: SW-131 (4.5')

Lab Sample ID: 880-56700-130
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 01:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 01:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 21:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 21:48	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 21:11	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-132 (4.5')

Lab Sample ID: 880-56700-131
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 03:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 03:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 22:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 22:05	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 21:16	CH	EET MID

Client Sample ID: SW-133 (4.5')

Lab Sample ID: 880-56700-132
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 03:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 03:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 22:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 22:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 21:34	CH	EET MID

Client Sample ID: SW-134 (4.5')

Lab Sample ID: 880-56700-133
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 04:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 04:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107410	04/11/25 22:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 22:54	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 21:39	CH	EET MID

Client Sample ID: SW-135 (4.5')

Lab Sample ID: 880-56700-134
Matrix: Solid
Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

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	107331	04/10/25 10:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107288	04/11/25 04:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107379	04/11/25 04:32	AJ	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Client Sample ID: SW-135 (4.5')

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56700-134

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			107410	04/11/25 23:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107423	04/11/25 08:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107472	04/11/25 23:11	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 21:57	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: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56700-1	SW-2 (2.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-2	SW-3 (2.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-3	SW-4 (2.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-4	SW-5 (2.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-5	SW-6 (2.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-6	SW-7 (2.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-7	SW-8 (2.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-8	SW-9 (2')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-9	SW-10 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-10	SW-11 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-11	SW-12 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-12	SW-13 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-13	SW-14 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-14	SW-15 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-15	SW-16 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-16	SW-17 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-17	SW-18 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-18	SW-19 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-19	SW-20 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-20	SW-21 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-21	SW-22 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-22	SW-23 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-23	SW-24 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-24	SW-25 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-25	SW-26 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-26	SW-27 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-27	SW-28 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-28	SW-29 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-29	SW-30 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-30	SW-31 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-31	SW-32 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-32	SW-33 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-33	SW-34 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-34	SW-35 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-35	SW-36 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-36	SW-37 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-37	SW-38 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-38	SW-39 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-39	SW-40 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-40	SW-41 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-41	SW-42 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-42	SW-43 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-43	SW-44 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-44	SW-45 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-45	SW-46 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-46	SW-47 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-47	SW-48 (1')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-48	SW-49 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-49	SW-50 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-50	SW-51 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-51	SW-52 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-52	SW-53 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-53	SW-54 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-54	SW-55 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56700-55	SW-56 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-56	SW-57 (3.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-57	SW-58 (1')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-58	SW-59 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-59	SW-60 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-60	SW-61 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-61	SW-62 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-62	SW-63 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-63	SW-64 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-64	SW-65 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-65	SW-66 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-66	SW-67 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-67	SW-68 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-68	SW-69 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-69	SW-70 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-70	SW-71 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-71	SW-72 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-72	SW-73 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-73	SW-74 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-74	SW-75 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-75	SW-76 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-76	SW-77 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-77	SW-78 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-78	SW-79 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-79	SW-80 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-80	SW-81 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-81	SW-82 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-82	SW-83 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-83	SW-84 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-84	SW-85 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-85	SW-86 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-86	SW-87 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-87	SW-88 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-88	SW-89 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-89	SW-90 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-90	SW-91 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-91	SW-92 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-92	SW-93 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-93	SW-94 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-94	SW-95 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-95	SW-96 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-96	SW-97 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-97	SW-98 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-98	SW-99 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-99	SW-100 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-100	SW-101 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-101	SW-102 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-102	SW-103 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-103	SW-104 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-104	SW-105 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-105	SW-106 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-106	SW-107 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-107	SW-108 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-108	SW-109 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46

Sample Summary

Client: Carmona Resources
Project/Site: NGL-Tie In

Job ID: 880-56700-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56700-109	SW-110 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-110	SW-111 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-111	SW-112 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-112	SW-113 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-113	SW-114 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-114	SW-115 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-115	SW-116 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-116	SW-117 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-117	SW-118 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-118	SW-119 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-119	SW-120 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-120	SW-121 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-121	SW-122 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-122	SW-123 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-123	SW-124 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-124	SW-125 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-125	SW-126 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-126	SW-127 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-127	SW-128 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-128	SW-129 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-129	SW-130 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-130	SW-131 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-131	SW-132 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-132	SW-133 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-133	SW-134 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46
880-56700-134	SW-135 (4.5')	Solid	04/04/25 00:00	04/09/25 16:46

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

880-56700 Chain of Custody

4

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	283	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-1	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.9	
Total Containers:		Corrected Temperature:	0.8	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-2 (2.5')	4/4/2025		X		Comp	1		x	x	x	
SW-3 (2.5')	4/4/2025		X		Comp	1		x	x	x	
SW-4 (2.5')	4/4/2025		X		Comp	1		x	x	x	
SW-5 (2.5')	4/4/2025		X		Comp	1		x	x	x	
SW-6 (2.5')	4/4/2025		X		Comp	1		x	x	x	
SW-7 (2.5')	4/4/2025		X		Comp	1		x	x	x	
SW-8 (2.5')	4/4/2025		X		Comp	1		x	x	x	
SW-9 (2')	4/4/2025		X		Comp	1		x	x	x	
SW-10 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-11 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1640		4/9/25 1640

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-12 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-13 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-14 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-15 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-16 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-17 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-18 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-19 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-20 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-21 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1640		4/9/25 1646

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

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:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-22 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-23 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-24 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-25 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-26 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-27 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-28 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-29 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-30 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-31 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1640		4/9/25 1646

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-32 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-33 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-34 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-35 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-36 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-37 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-38 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-39 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-40 (4.5')	4/4/2025		X		Comp	1	x	x	x	
SW-41 (4.5')	4/4/2025		X		Comp	1	x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1640		4/9/25 1646

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around			
Project Number:	2495	☐ Routine	☑ Rush		
Project Location	Lea County, New Mexico	Due Date:	72 HR		
Sampler's Name:	CMM/JR/JDC				
PO #:					
SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice: Yes No			
Received Intact:	Yes No	Thermometer ID:			
Cooler Custody Seals:	Yes No N/A	Correction Factor:			
Sample Custody Seals:	Yes No N/A	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-42 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-43 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-44 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-45 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-46 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-47 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-48 (1')	4/4/2025		X		Comp	1		x	x	x	
SW-49 (3.5')	4/4/2025		X		Comp	1		x	x	x	
SW-50 (3.5')	4/4/2025		X		Comp	1		x	x	x	
SW-51 (3.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1400		4/9/25 1404

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-52 (3.5')	4/4/2025		X		Comp	1		x	x	x	
SW-53 (3.5')	4/4/2025		X		Comp	1		x	x	x	
SW-54 (3.5')	4/4/2025		X		Comp	1		x	x	x	
SW-55 (3.5')	4/4/2025		X		Comp	1		x	x	x	
SW-56 (3.5')	4/4/2025		X		Comp	1		x	x	x	
SW-57 (3.5')	4/4/2025		X		Comp	1		x	x	x	
SW-58 (1')	4/4/2025		X		Comp	1		x	x	x	
SW-59 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-60 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-61 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 12:40		4/9/25 12:46

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-62 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-63 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-64 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-65 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-66 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-67 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-68 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-69 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-70 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-71 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1644		4/9/25 1644

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-72 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-73 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-74 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-75 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-76 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-77 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-78 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-79 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-80 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-81 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1610		4/9/25 1610

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around			
Project Number:	2495	☐ Routine	☑ Rush		
Project Location	Lea County, New Mexico	Due Date:	72 HR		
Sampler's Name:	CMM/JR/JDC				
PO #:					

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-82 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-83 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-84 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-85 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-86 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-87 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-88 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-89 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-90 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-91 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/4/25 1600		4/4/25 1640

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around			
Project Number:	2495	☐ Routine	☑ Rush		
Project Location	Lea County, New Mexico	Due Date:	72 HR		
Sampler's Name:	CMM/JR/JDC				
PO #:					
SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice: Yes No			
Received Intact:	Yes No	Thermometer ID:			
Cooler Custody Seals:	Yes No N/A	Correction Factor:			
Sample Custody Seals:	Yes No N/A	Temperature Reading:			
Total Containers:		Corrected Temperature:			

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-92 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-93 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-94 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-95 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-96 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-97(4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-98 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-99 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-100 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-101 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1640		4/9/25 16:46

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-102 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-103 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-104 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-105 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-106 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-107 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-108 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-109 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-110 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-111 (4.5')	4/4/2025		X		Comp	1		x	x	x	

ANALYSIS REQUEST

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/4/25 1640		4/4/25 1641

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-112 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-113 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-114 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-115 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-116 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-117 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-118 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-119 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-120 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-121 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1445		4/9/25 1645

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-122 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-123 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-124 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-125 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-126 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-127 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-128 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-129 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-130 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-131 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/4/25 1400		4/4/25 16:40

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

Work Order No: _____

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around	
Project Number:	2495	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR
Sampler's Name:	CMM/JR/JDC		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-132 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-133 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-134 (4.5')	4/4/2025		X		Comp	1		x	x	x	
SW-135 (4.5')	4/4/2025		X		Comp	1		x	x	x	

Parameters

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1640		4/9/25 1640

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-56700-1
SDG Number: Lea County New Mexico

Login Number: 56700
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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 4/11/2025 4:58:50 PM

JOB DESCRIPTION

NGL--Tie In
Lea County New Mexico

JOB NUMBER

880-56701-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 7/15/2025 9:10:39 AM

my EOL

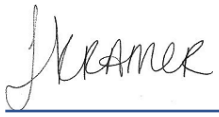
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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4/11/2025 4:58:50 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: NGL--Tie In

Laboratory Job ID: 880-56701-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: NGL--Tie In

Job ID: 880-56701-1

Job ID: 880-56701-1 Eurofins Midland

Job Narrative
880-56701-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 4/9/2025 4:46 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Client Sample ID: Backfill Material

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56701-1

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		04/10/25 08:49	04/10/25 13:56	1
Toluene	**0.00212**		0.00199		mg/Kg		04/10/25 08:49	04/10/25 13:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 13:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 13:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/10/25 08:49	04/10/25 13:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/10/25 08:49	04/10/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*04/10/25 08:49*	*04/10/25 13:56*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/10/25 08:49*	*04/10/25 13:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/10/25 13:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			04/10/25 13:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		04/10/25 08:43	04/10/25 13:37	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		04/10/25 08:43	04/10/25 13:37	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		04/10/25 08:43	04/10/25 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*04/10/25 08:43*	*04/10/25 13:37*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/10/25 08:43*	*04/10/25 13:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.5**		10.1		mg/Kg			04/10/25 22:03	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-56701-1	Backfill Material	111	91
890-7923-A-13-E MS	Matrix Spike	106	116
890-7923-A-13-F MSD	Matrix Spike Duplicate	112	109
LCS 880-107298/1-A	Lab Control Sample	100	111
LCSD 880-107298/2-A	Lab Control Sample Dup	94	113
MB 880-107298/5-A	Method Blank	99	73

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-56701-1	Backfill Material	85	84
890-7923-A-13-C MS	Matrix Spike	103	97
890-7923-A-13-D MSD	Matrix Spike Duplicate	101	95
LCS 880-107294/2-A	Lab Control Sample	128	130
LCSD 880-107294/3-A	Lab Control Sample Dup	123	122
MB 880-107294/1-A	Method Blank	111	118

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-107298/5-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/10/25 08:49	04/10/25 11:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/10/25 08:49	04/10/25 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/10/25 08:49*	*04/10/25 11:31*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*04/10/25 08:49*	*04/10/25 11:31*	*1*

Lab Sample ID: LCS 880-107298/1-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1196		mg/Kg		120	70 - 130
Toluene	0.100	0.1095		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1153		mg/Kg		115	70 - 130
m,p-Xylenes	0.200	0.2184		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1047		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-107298/2-A
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107298

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1218		mg/Kg		122	70 - 130	2	35
Toluene	0.100	0.1135		mg/Kg		114	70 - 130	4	35
Ethylbenzene	0.100	0.1206		mg/Kg		121	70 - 130	4	35
m,p-Xylenes	0.200	0.2284		mg/Kg		114	70 - 130	5	35
o-Xylene	0.100	0.1076		mg/Kg		108	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: 890-7923-A-13-E MS
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1160		mg/Kg		116	70 - 130
Toluene	<0.00201	U	0.100	0.1100		mg/Kg		110	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-7923-A-13-E MS
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1166		mg/Kg		117	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.2214		mg/Kg		111	70 - 130
o-Xylene	<0.00201	U	0.100	0.1033		mg/Kg		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*

Lab Sample ID: 890-7923-A-13-F MSD
Matrix: Solid
Analysis Batch: 107287

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1125		mg/Kg		113	70 - 130	3	35
Toluene	<0.00201	U	0.100	0.1032		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.00201	U	0.100	0.1101		mg/Kg		110	70 - 130	6	35
m,p-Xylenes	<0.00402	U	0.200	0.2107		mg/Kg		105	70 - 130	5	35
o-Xylene	<0.00201	U	0.100	0.09764		mg/Kg		98	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-107294/1-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107294

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/10/25 08:43	04/09/25 23:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/10/25 08:43	04/09/25 23:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/10/25 08:43	04/09/25 23:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/10/25 08:43*	*04/09/25 23:41*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*04/10/25 08:43*	*04/09/25 23:41*	*1*

Lab Sample ID: LCS 880-107294/2-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107294

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	981.4		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1102		mg/Kg		110	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-107294/2-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107294

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	130		70 - 130

Lab Sample ID: LCSD 880-107294/3-A
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107294

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	917.7		mg/Kg		92	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	989.0		mg/Kg		99	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	122		70 - 130

Lab Sample ID: 890-7923-A-13-C MS
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1010	910.6		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	1038		mg/Kg		101	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	97		70 - 130

Lab Sample ID: 890-7923-A-13-D MSD
Matrix: Solid
Analysis Batch: 107312

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107294

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1010	894.4		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1010	1015		mg/Kg		98	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	95		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107329/1-A
Matrix: Solid
Analysis Batch: 107374

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/25 19:39	1

Lab Sample ID: LCS 880-107329/2-A
Matrix: Solid
Analysis Batch: 107374

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	233.5		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-107329/3-A
Matrix: Solid
Analysis Batch: 107374

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	233.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-56700-A-131-B MS
Matrix: Solid
Analysis Batch: 107374

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	94.2		250	358.5		mg/Kg		106	90 - 110		

Lab Sample ID: 880-56700-A-131-C MSD
Matrix: Solid
Analysis Batch: 107374

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	94.2		250	358.6		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 107287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56701-1	Backfill Material	Total/NA	Solid	8021B	107298
MB 880-107298/5-A	Method Blank	Total/NA	Solid	8021B	107298
LCS 880-107298/1-A	Lab Control Sample	Total/NA	Solid	8021B	107298
LCSD 880-107298/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107298
890-7923-A-13-E MS	Matrix Spike	Total/NA	Solid	8021B	107298
890-7923-A-13-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	107298

Prep Batch: 107298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56701-1	Backfill Material	Total/NA	Solid	5035	
MB 880-107298/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107298/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107298/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-7923-A-13-E MS	Matrix Spike	Total/NA	Solid	5035	
890-7923-A-13-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 107488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56701-1	Backfill Material	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 107294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56701-1	Backfill Material	Total/NA	Solid	8015NM Prep	
MB 880-107294/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107294/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107294/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7923-A-13-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7923-A-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56701-1	Backfill Material	Total/NA	Solid	8015B NM	107294
MB 880-107294/1-A	Method Blank	Total/NA	Solid	8015B NM	107294
LCS 880-107294/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107294
LCSD 880-107294/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107294
890-7923-A-13-C MS	Matrix Spike	Total/NA	Solid	8015B NM	107294
890-7923-A-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	107294

Analysis Batch: 107411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56701-1	Backfill Material	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 107329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56701-1	Backfill Material	Soluble	Solid	DI Leach	
MB 880-107329/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107329/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107329/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 107329 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56700-A-131-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56700-A-131-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 107374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56701-1	Backfill Material	Soluble	Solid	300.0	107329
MB 880-107329/1-A	Method Blank	Soluble	Solid	300.0	107329
LCS 880-107329/2-A	Lab Control Sample	Soluble	Solid	300.0	107329
LCSD 880-107329/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107329
880-56700-A-131-B MS	Matrix Spike	Soluble	Solid	300.0	107329
880-56700-A-131-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	107329

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Client Sample ID: Backfill Material

Date Collected: 04/04/25 00:00
Date Received: 04/09/25 16:46

Lab Sample ID: 880-56701-1

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			5.02 g	5 mL	107298	04/10/25 08:49	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107287	04/10/25 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107488	04/10/25 13:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107411	04/10/25 13:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	107294	04/10/25 08:43	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107312	04/10/25 13:37	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107329	04/10/25 10:08	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107374	04/10/25 22:03	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: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: NGL--Tie In

Job ID: 880-56701-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56701-1	Backfill Material	Solid	04/04/25 00:00	04/09/25 16:46

Released to Imaging: 7/15/2025 9:10:59 AM
Received by OCD: 5/28/2025 9:36:07 AM

Chain of Custody

880-56701 Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	(432) 813-6823 Email:		

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL - Tie In	Turn Around		Pres. Code	
Project Number:	2495	☐ Routine	☑ Rush		
Project Location	Lea County, New Mexico	Due Date:	72 HR		
Sampler's Name:	CMM/JR/JDC				
PO #:					

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:	IR8	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0.1	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	0.9	
Total Containers:		Corrected Temperature:	0.8	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
Backfill Material	4/4/2025		X		Comp	1	x	x	x	

Preservative Codes

None: NO — DI Water: H_2O
Cool: Cool — MeOH: Me
HCL: HC — HNO_3: HN
H_2S0_4: H_2 — NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/9/25 1400		4/9/25 1400

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-56701-1
SDG Number: Lea County New Mexico

Login Number: 56701
List Number: 1
Creator: Kramer, Jessica

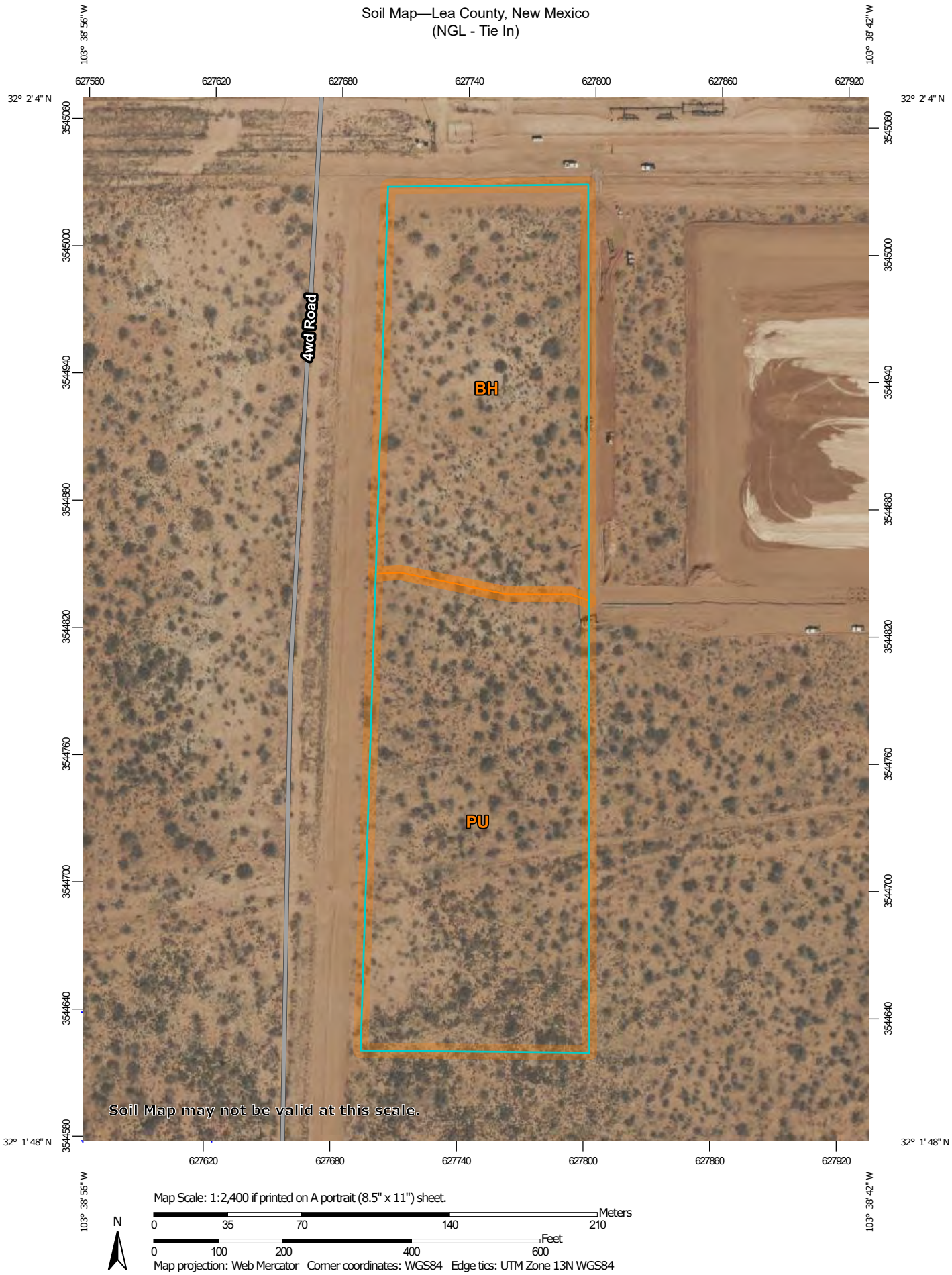
List Source: Eurofins Midland

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	

APPENDIX F

CARMONA RESOURCES

Soil Map—Lea County, New Mexico
(NGL - Tie In)



Map Scale: 1:2,400 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 35 70 140 210

Feet
0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Received by OCD: 5/28/2025 9:36:07 AM

Soil Map—Lea County, New Mexico
(NGL - Tie In)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BH	Berino-Cacique association, hummocky	4.6	44.7%
PU	Pyote and Maljamar fine sands	5.7	55.3%
Totals for Area of Interest		**10.3**	**100.0%**

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Received by OCD: 5/28/2025 9:36:07 AM

Lea County, New Mexico

BH—Berino-Cacique association, hummocky

Map Unit Setting

National map unit symbol: dmpg
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent
Cacique and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 10 inches: fine sand
Btk - 10 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.5 inches)

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Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Cacique

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 7 inches: fine sand
Bt - 7 to 28 inches: sandy clay loam
Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 4 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Maljamar

Percent of map unit: 3 percent

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Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Palomas
Percent of map unit: 2 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Dune land
Percent of map unit: 1 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Released to Imaging: 7/15/2025 9:10:59 AM

Received by OCD: 5/28/2025 9:36:07 AM

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Maljamar and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand
Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

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Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

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Received by OCD: 5/28/2025 9:36:07 AM

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Released to Imaging: 7/15/2025 9:10:59 AM

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

Species	lb/acre
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed: Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 467978

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 467978
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2334143989**
Incident Name	**NAPP2334143989 SALADO DRAW 23 CENTRAL TANK BATTERY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report Received**
Incident Facility	**[fAPP2134340195] Salado Draw 23 Central Tank Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SALADO DRAW 23 CENTRAL TANK BATTERY
Date Release Discovered	12/03/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 29 BBL | Recovered: 0 BBL | Lost: 29 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 467978
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/28/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 467978
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
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)	13900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1130
GRO+DRO (EPA SW-846 Method 8015M)	1130
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	03/11/2025
On what date will (or did) the final sampling or liner inspection occur	03/27/2025
On what date will (or was) the remediation complete(d)	04/02/2025
What is the estimated surface area (in square feet) that will be reclaimed	6220
What is the estimated volume (in cubic yards) that will be reclaimed	900
What is the estimated surface area (in square feet) that will be remediated	6220
What is the estimated volume (in cubic yards) that will be remediated	900
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 467978
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	Milestone - Orla
OR is the **off-site** disposal site, to be used, an NMED facility	No
(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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/28/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 467978
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 467978
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**445331**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/27/2025**
What was the (estimated) number of samples that were to be gathered	**40**
What was the sampling surface area in square feet	**14000**

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	6220
What was the total volume (cubic yards) remediated	900
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	6220
What was the total volume (in cubic yards) reclaimed	900
Summarize any additional remediation activities not included by answers (above)	All contamintion caused by Chevron has been addressed in this report. All contamination caused by the NGL release (nAPP2422243094) that occurred AFTER this release and that overlapped majority of this release has also been remediated and documentation can be found in Appendix F, but also found under NMOCD incident ID: nAPP2422243094.

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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/28/2025

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QUESTIONS (continued)

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	Action Number: 467978
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	6220
What was the total volume of replacement material (in cubic yards) for this site	900
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	04/15/2025
Summarize any additional reclamation activities not included by answers (above)	Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. On April 15, 2025, the backfilled areas in the pasture were seeded via hand distribution with the appropriate pounds of pure live seed per acre. The topsoil was ripped with a dozer onto the seed to aid the vegetation process. The seed mixture used was BLM #2 sandy.
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/28/2025

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QUESTIONS (continued)

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	Action Number: 467978
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	7/15/2025