CARMONA RESOURCES

SITE INFORMATION

Closure Report
Paduca Booster
Lea County, New Mexico
Unit L Sec 203 T26S R32E
32.068784°, -103.670783°

Incident # NAPP2509039316
Produced Water Release
Point of Release: Equipment Failure
Release Date: 03.28.2025
Volume Released: 450 Barrels of Produced Water
Volume Recovered: 400 Barrels of Produced Water

CARMONA RESOURCES

Incident # NAPP2510652338
Produced Water Release
Point of Release: Equipment Failure
Release Date: 04.15.2025
Volume Released: 450 Barrels of Produced Water
Volume Recovered: 390 Barrels of Produced Water

Prepared for:
NGL Energy Partners, LLC
865 North Albion Street
Denver, Colorado 80220

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

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Midland TX, 79701
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November 24, 2025

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

Re: Work Plan
Paduca Booster (nAPP250903916)
Paduca Booster (nAPP2510652338)
NGL Water Solutions Permian, LLC
Site Location: Unit L Sec 03 T26S R32E
(Lat 32.068784°, Long -103.670783º)
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 Paduca Booster. The site is located at 32.068784°, -103.670783° within Unit L, S03, T26S, R32E in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

nAPP250903916

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 28, 2025, due to equipment failure. It resulted in the release of approximately four hundred fifty (450) barrels of produced water into the pasture. Approximately four hundred (400) barrels of produced water were recovered. Refer to Figures 3A-3C. The Notification of Release is attached in Appendix C.

nAPP2510652338

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 15, 2025, due to equipment failure. It resulted in the release of approximately four hundred fifty (450) barrels of produced water into the pasture. Approximately three hundred and ninety (390) barrels of produced water were recovered. Refer to Figures 3A-3C. 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 December 21, 2021, a third-party contractor drilled a groundwater determination bore to 55’ bgs. The groundwater determination bore is located approximately 1.15 miles Southeast of the site at 32.0656322°, -103.6901477°. No water was detected after 72 hours. A copy of the associated well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On May 7, 2025, Carmona Resources performed a site assessment to evaluate soil impacts stemming from the release. A total of seventeen (17) trench points (T-1 through T-17) and fifteen (15) horizontal sample points (H-1 through H-15) were advanced to depths ranging from surface to 6.0' bgs inside the release area to evaluate the vertical and horizontal extent. See Figures 3A-3C 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.

5.0 Remediation Activities

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 October 9, 2025 and October 14, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The following areas were mechanically excavated to depths ranging from 2' to 6' bgs. A total of one hundred (100) confirmation floor samples were collected (CS-1 through CS-100) every 400 square feet, and sixty-three (63) sidewall samples (SW-1 through SW-63) were collected every 200 square feet to ensure the proper removal of the contaminated soils.

For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to 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 4A through 4D.

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 to ensure the material was clean per NMOCD standards. The backfill material was sourced from a local landowner. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 40,044 square feet of material, resulting in 5,485 cubic yards, were excavated and transported off site for proper disposal.

6.0 Reclamation Activities

On October 27, 2025, the backfilled areas in the pasture were seeded via hand broadcast with the appropriate pounds of pure live seed per acre. The seed mixture used was BLM #1 seed mix. See Figure 5A-5B for the revegetation area. See Appendix F for the Soil Survey.

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7.0 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

Stephen Reyes
Environmental Engineer

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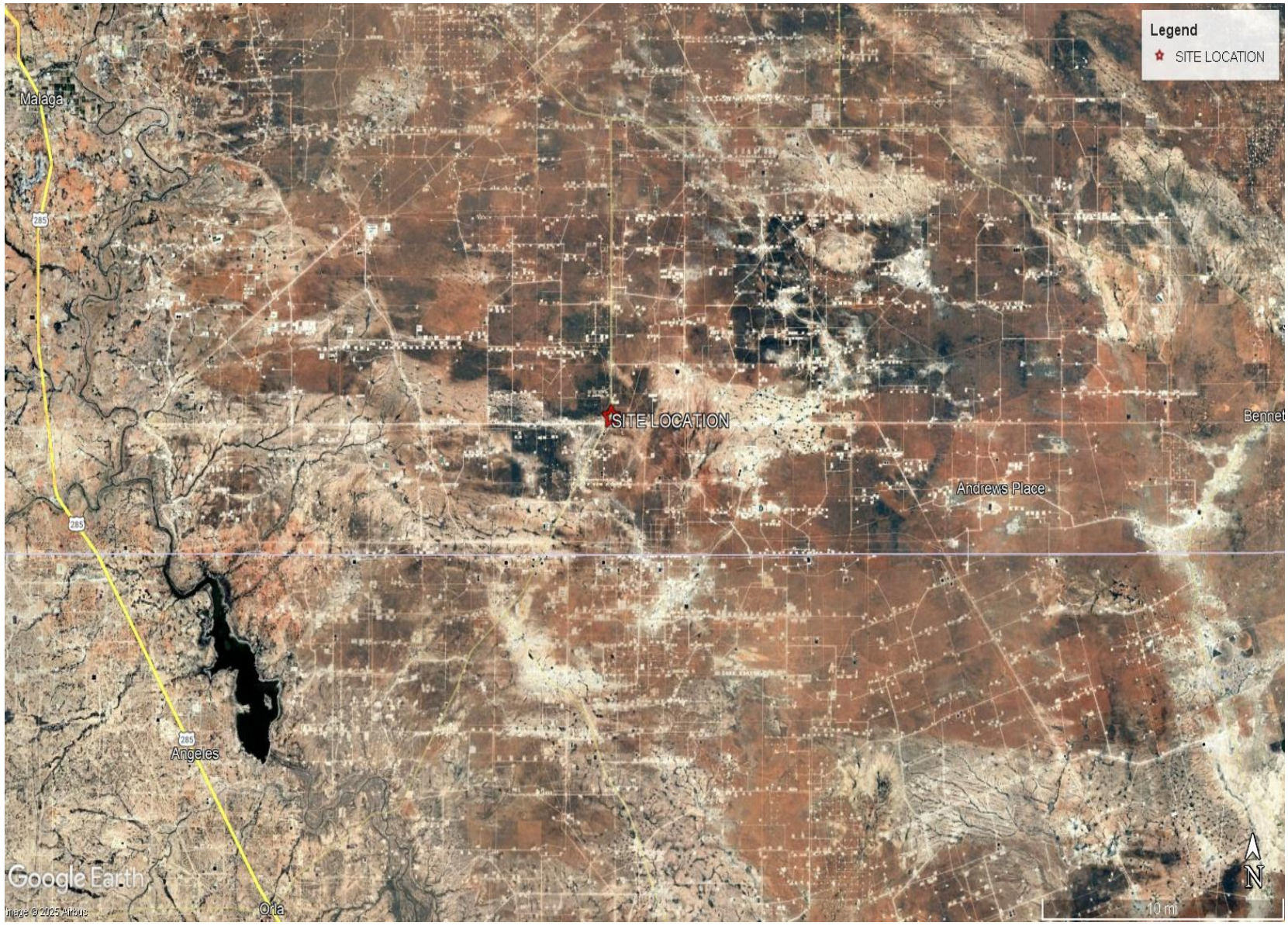
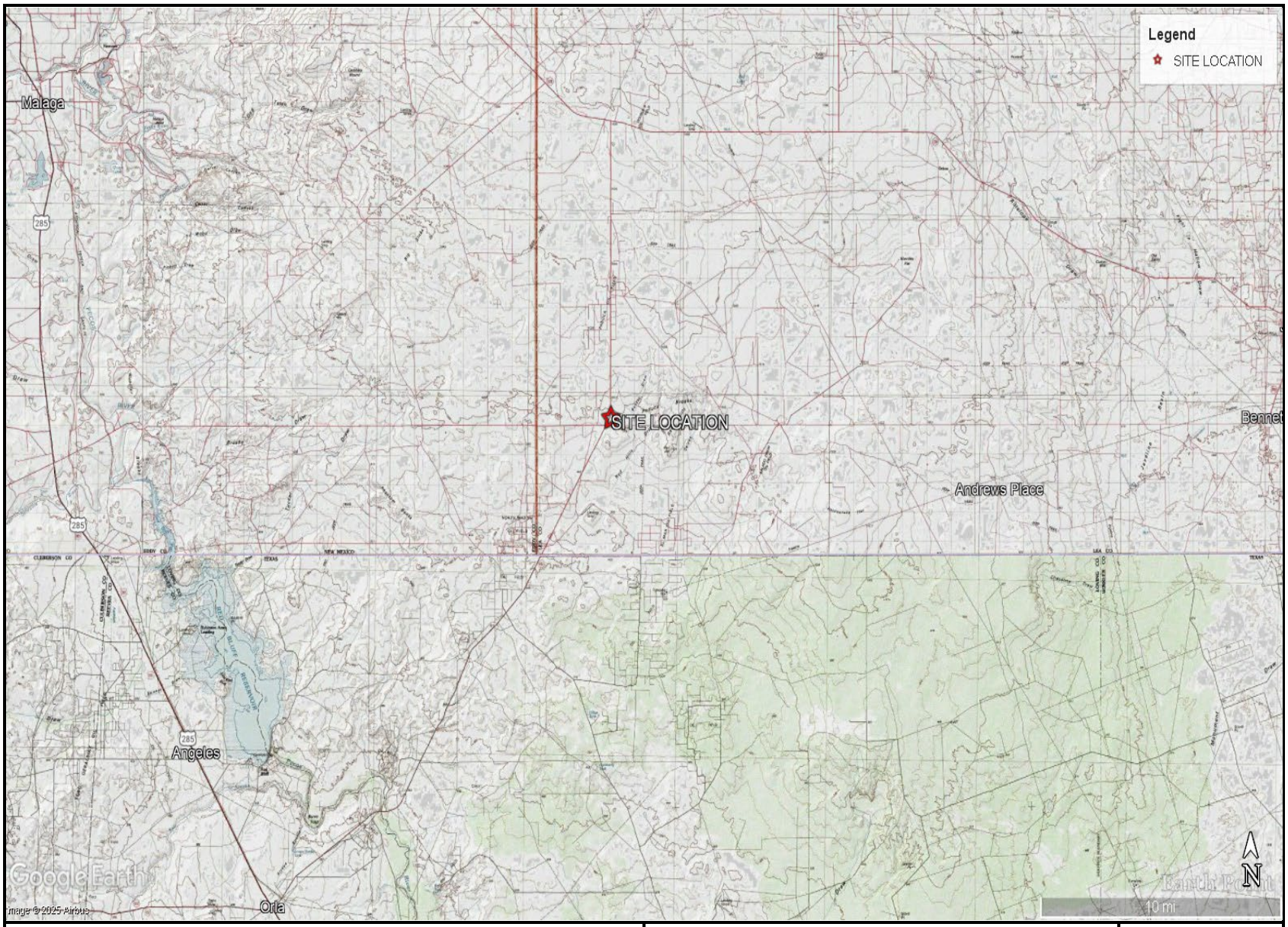
FIGURES

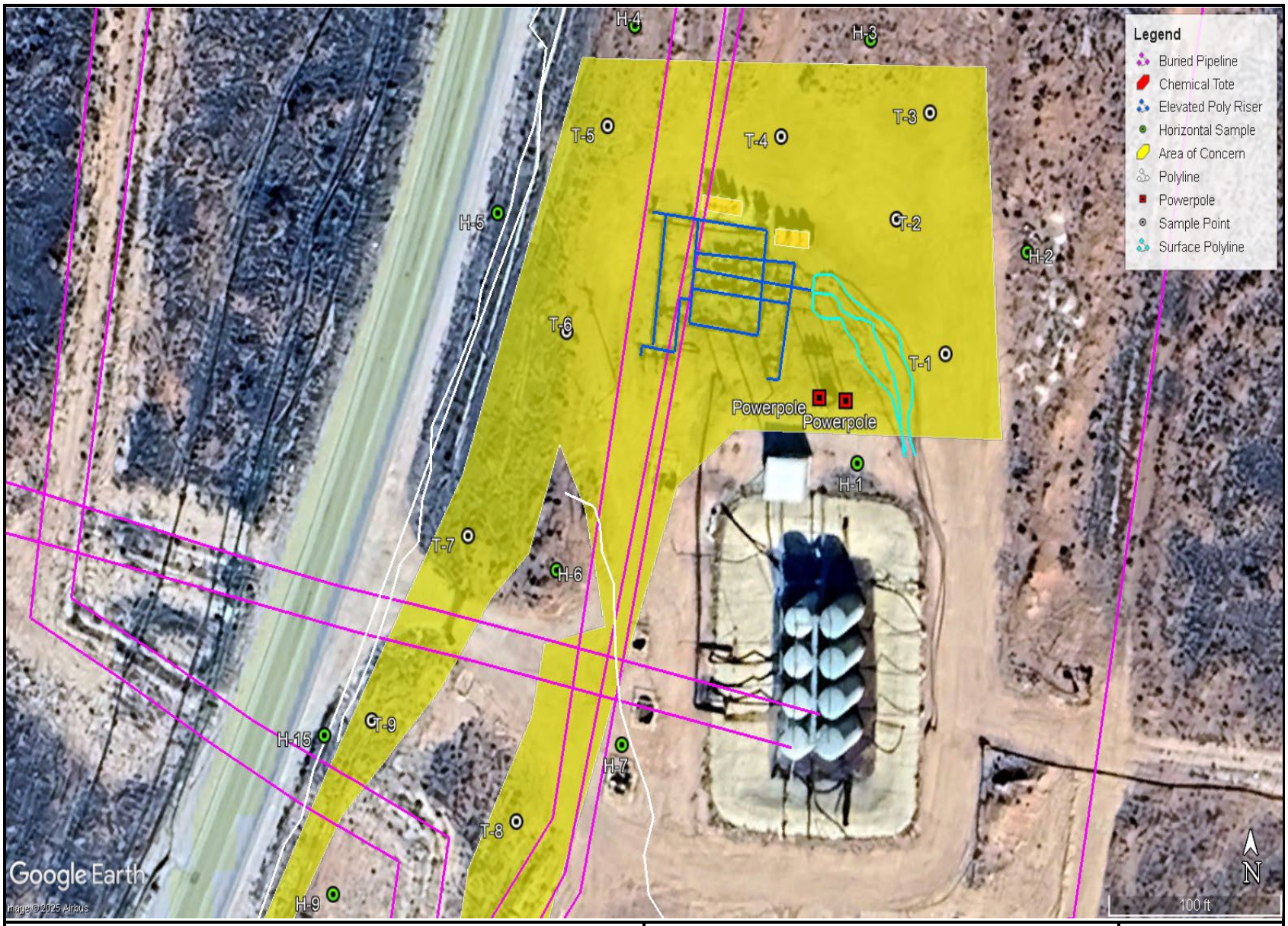
CARMONA RESOURCES



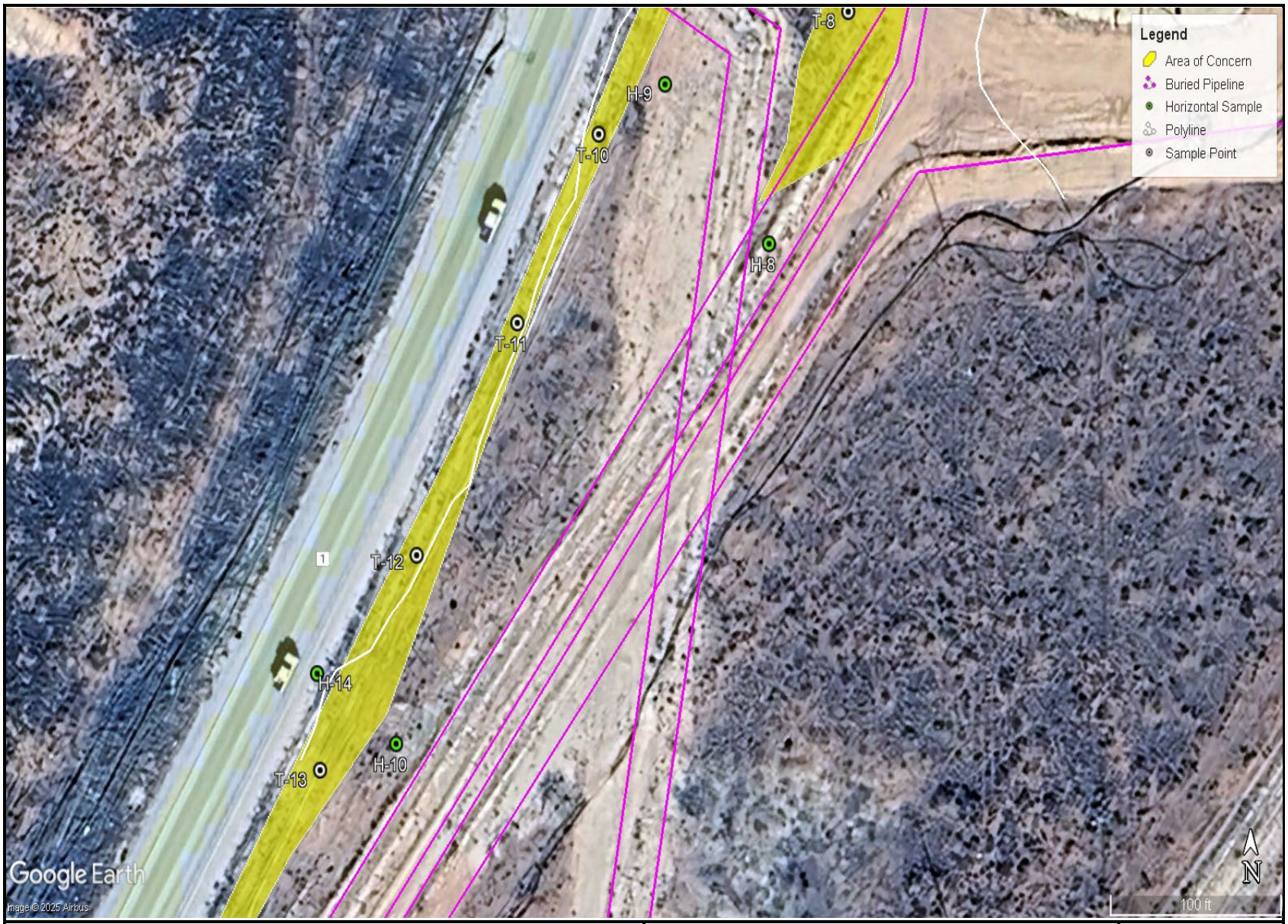
SITE OVERVIEW MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 1



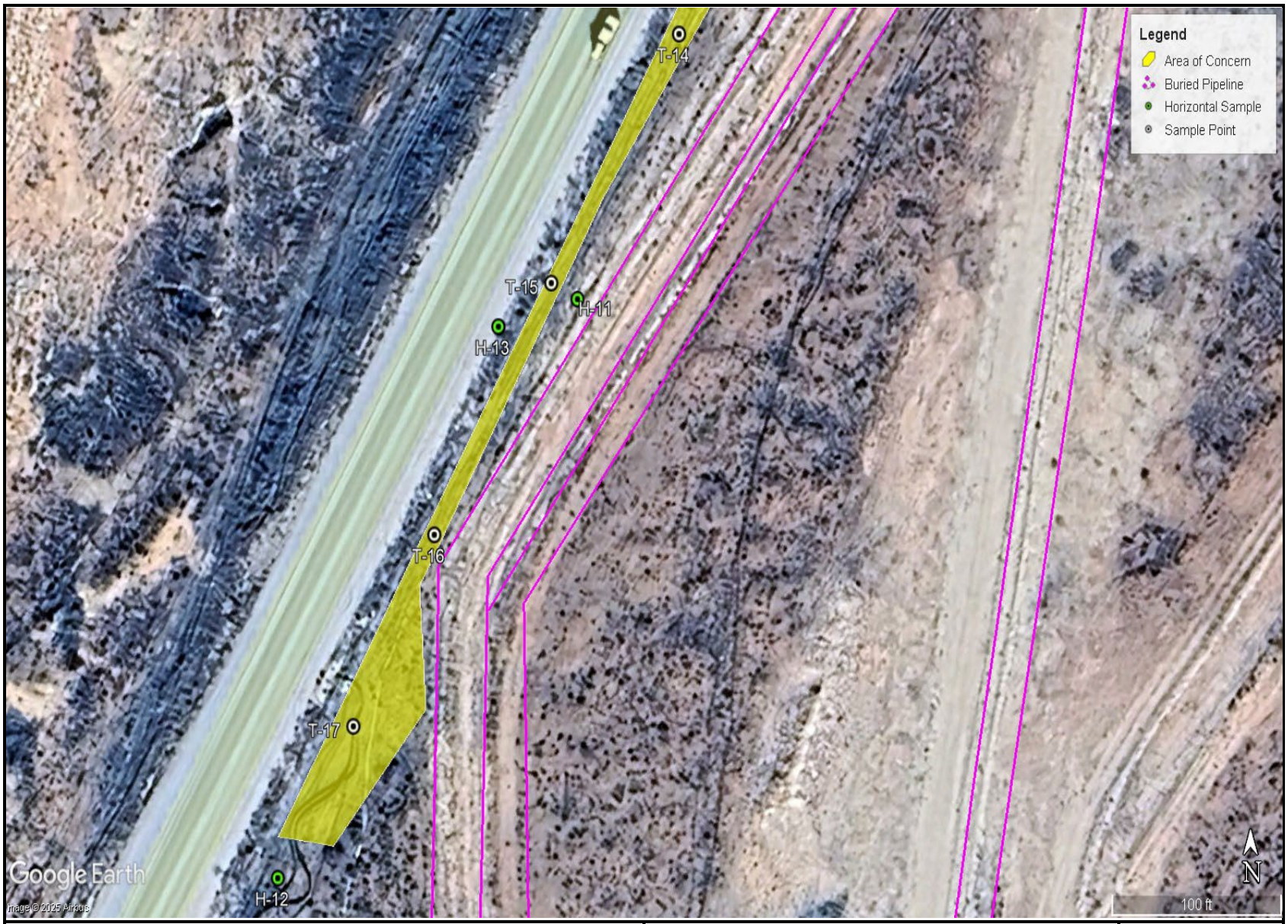
TOPOGRAPHIC MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 2



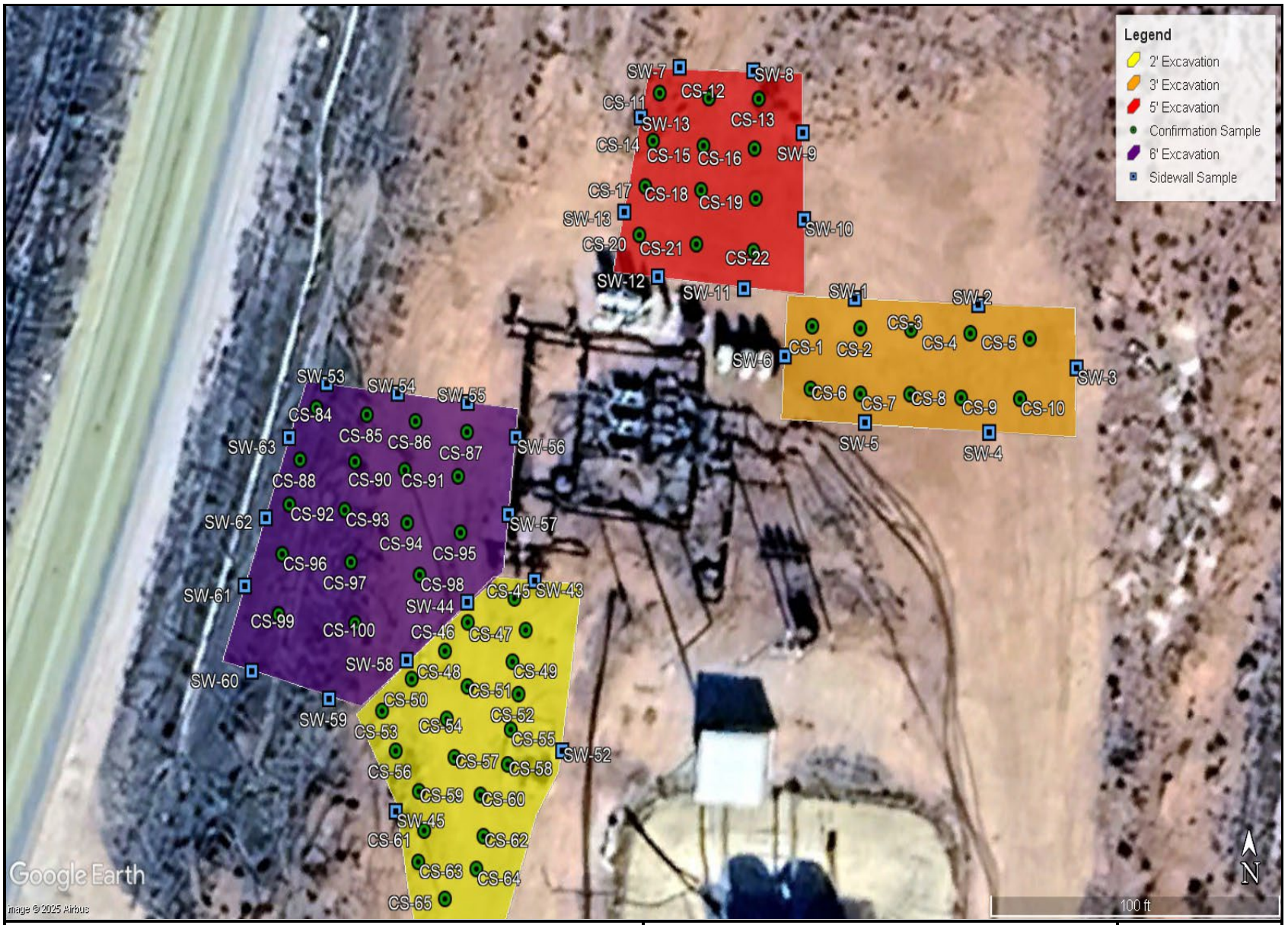
SAMPLE LOCATION MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 3A



SAMPLE LOCATION MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 3B

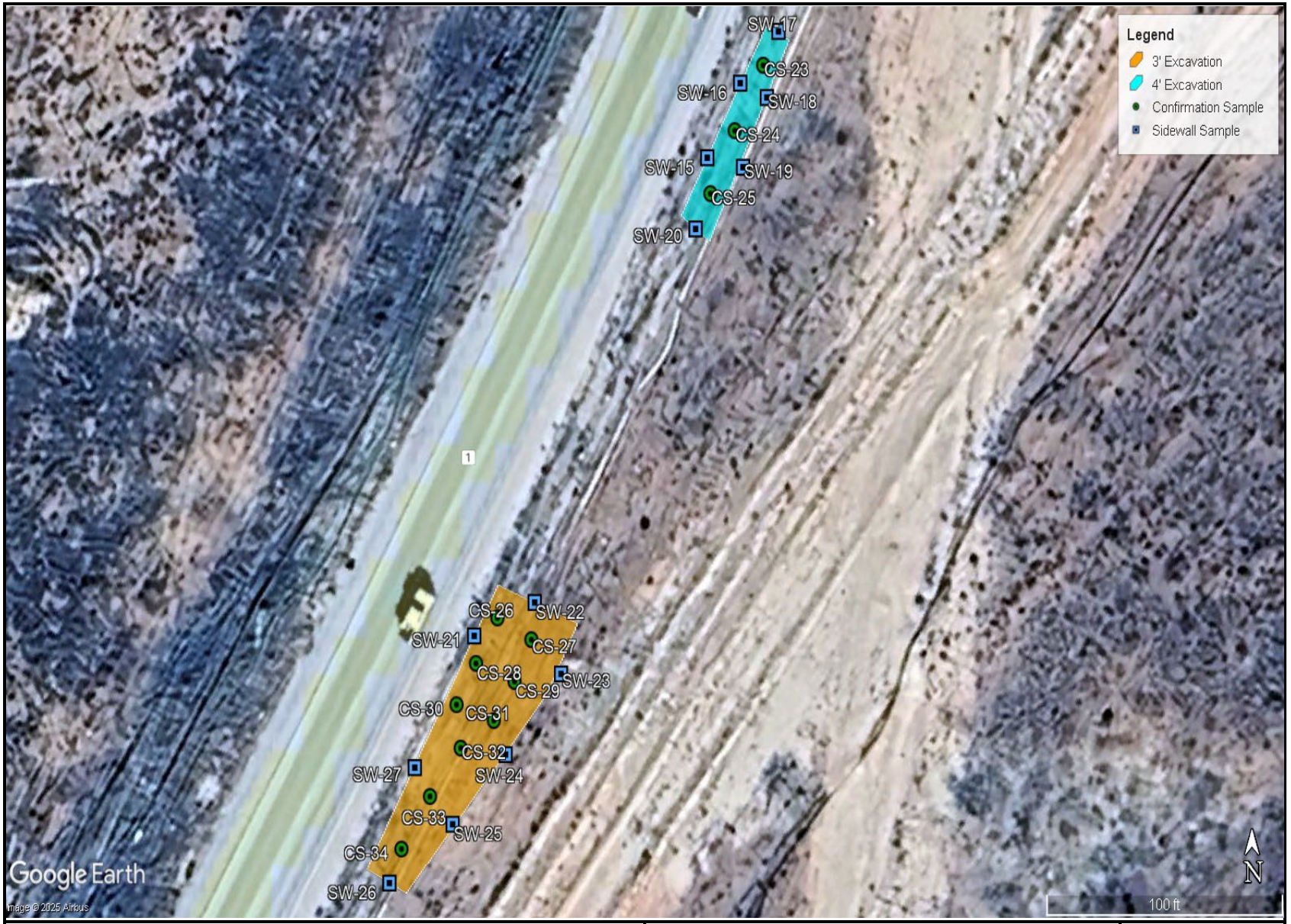


SAMPLE LOCATION MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 3C

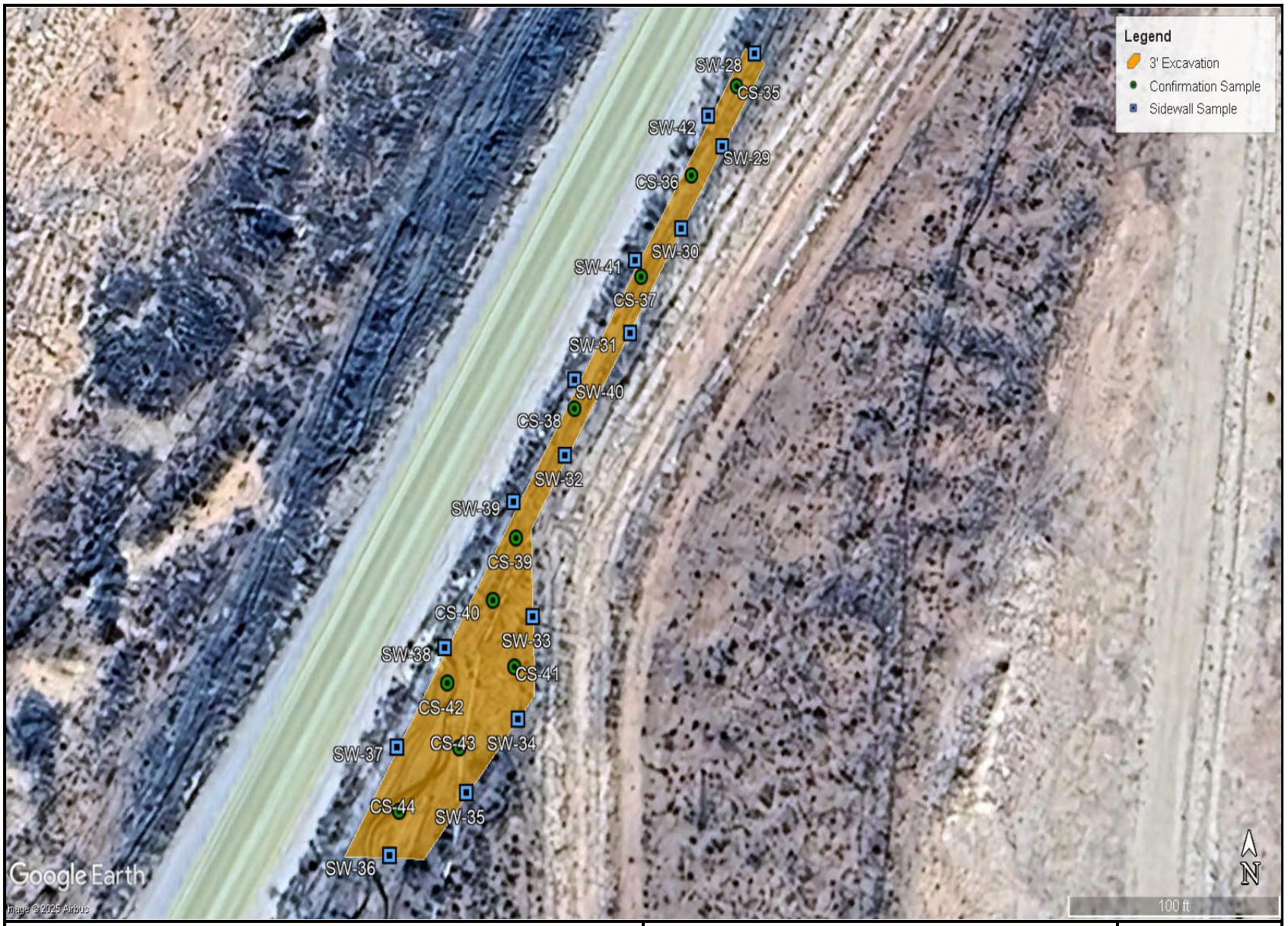


EXCAVATION DEPTH MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 4A

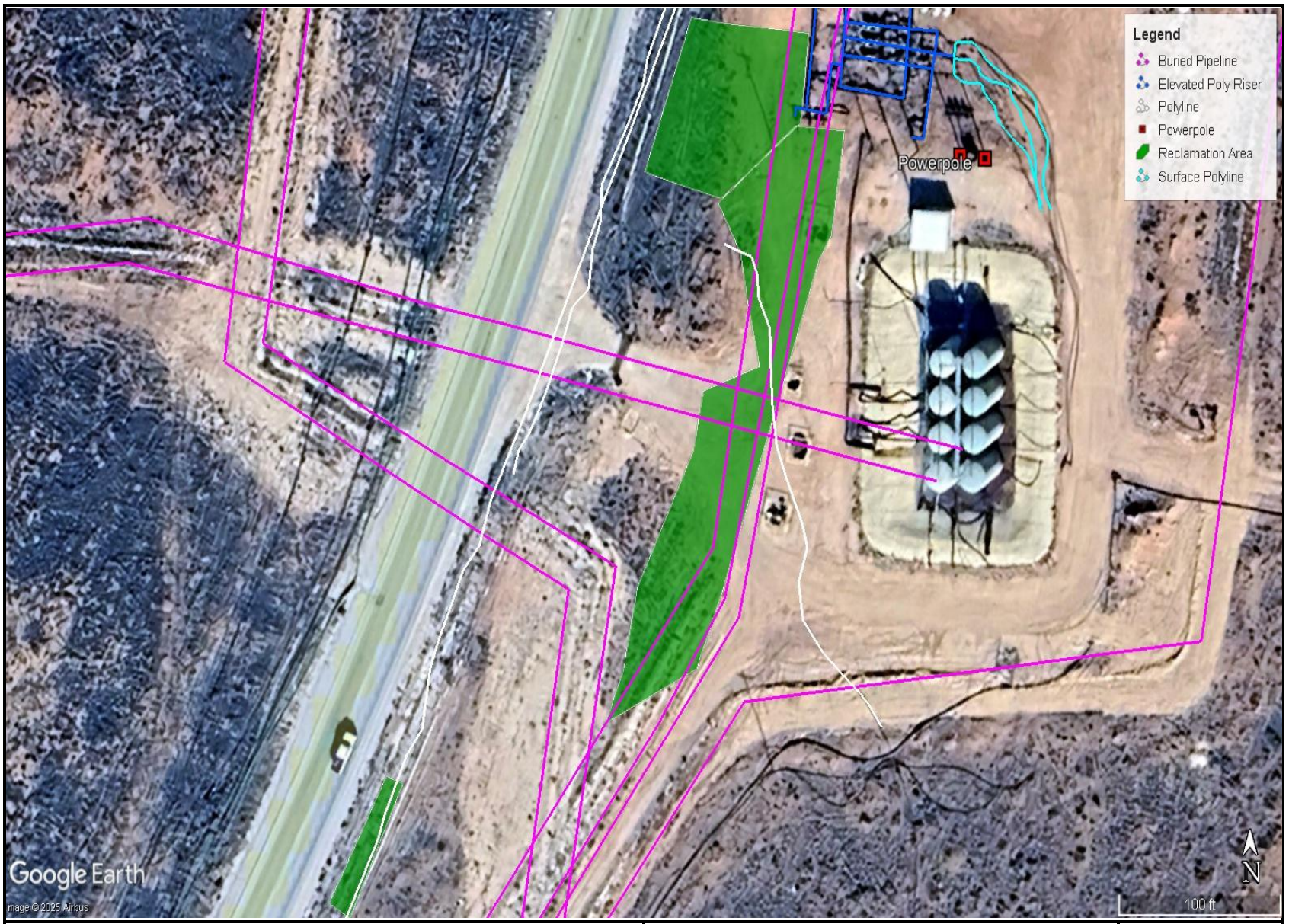
EXCAVATION DEPTH MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 4B



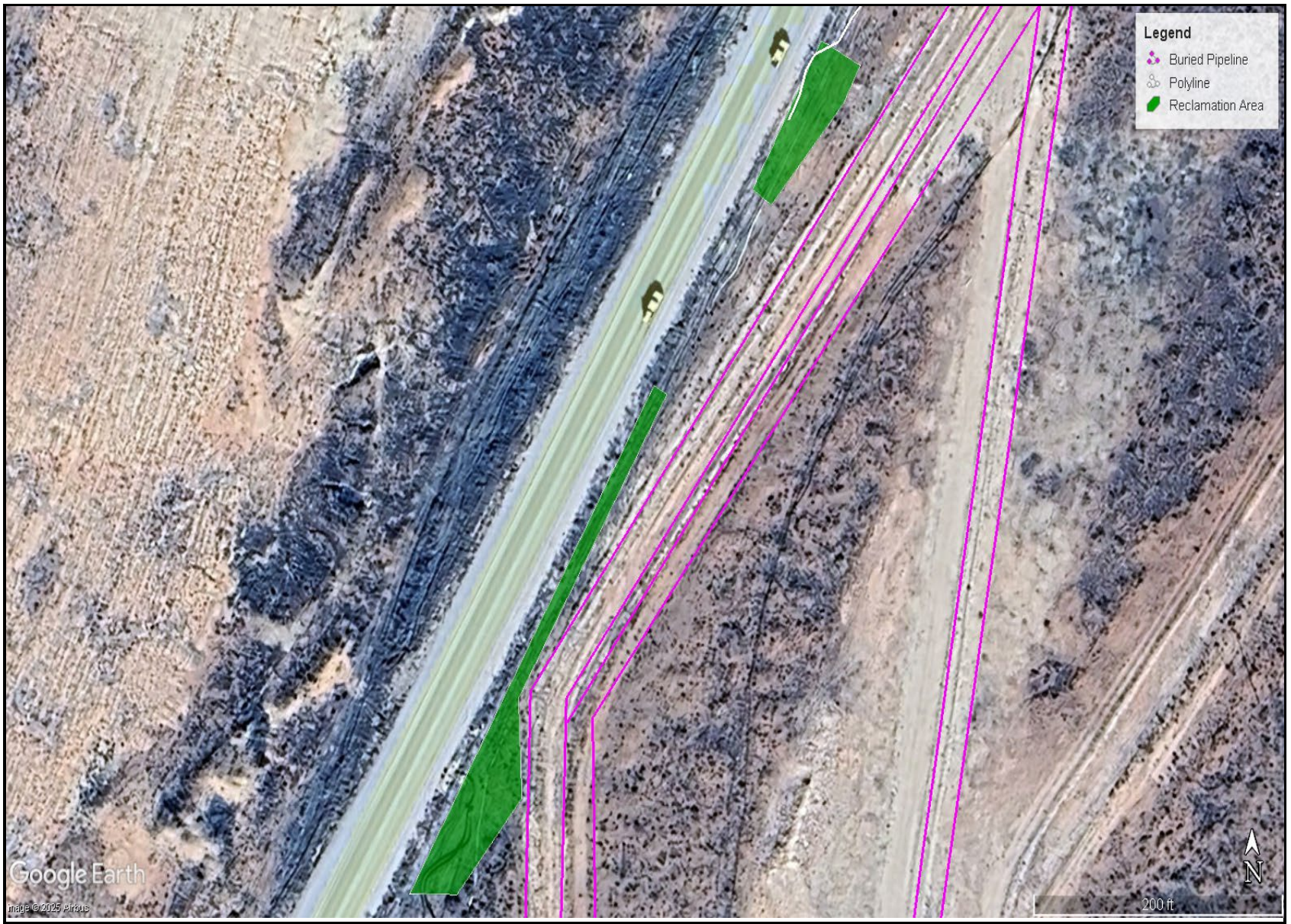
EXCAVATION DEPTH MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 4C



EXCAVATION DEPTH MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 4D



RECLAMATION MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 5A



RECLAMATION MAP NGL ENERGY PARTNERS PADUCA BOOSTER LEA COUNTY, NEW MEXICO 32.068784°, -103.670783°	CARMONA RESOURCES	FIGURE 5B

APPENDIX A

CARMONA RESOURCES

Table 1
NGL Water Solutions
Paduca Booster
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						
T-1	5/7/2025	0-1'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	118
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	158
	"	3'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	266
	"	4'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	126
T-2	5/7/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,440**
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**2,580**
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	589
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	102
T-3	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
	"	2'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	134
	"	4'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	113
T-4	5/7/2025	0-1'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,240**
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**825**
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**1,090**
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,810**
	"	5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	105
T-5	5/7/2025	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	122
	"	2'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	115
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	128
	"	4'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	136
T-6	5/7/2025	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**3,330**
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**5,180**
	"	3'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5,800**
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**5,610**
	"	5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**630**
	"	6'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	145
T-7	5/7/2025	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	111
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	131
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	135
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	162
T-8	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**1,320**
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	198
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	112
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
(T) - Test Trench
Removed

Table 1
NGL Water Solutions
Paduca Booster
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						
T-9	5/7/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	130
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	134
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	147
T-10	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	72.7
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	125
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	120
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	133
T-11	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**2,760**
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**3,160**
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,170**
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	144
T-12	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	152
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	119
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	120
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	215
T-13	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**740**
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**857**
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	150
T-14	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	86
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	121
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	146
T-15	5/7/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**674**
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**4,710**
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	319
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	153
T-16	5/7/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**3,880**
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**3,710**
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	471
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	217
T-17	5/7/2025	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	396
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**2,560**
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	422
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	444
	"	5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	228
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
(T) Test Trench
Removed

Table 1
NGL Water Solutions
Paduca Booster
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	5/7/2025	0-0.5'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	78.9
H-2	5/7/2025	0-0.5'	<50.5	<50.5	<50.5	<50.5	<0.00198	0.00324	<0.00198	<0.00396	<0.00396	98.0
H-3	5/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
H-4	5/7/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	142
H-5	5/7/2025	0-0.5'	<49.7	<49.7	<49.7	<49.7	0.00209	<0.00200	<0.00200	<0.00400	<0.00400	120
H-6	5/7/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	96.0
H-7	5/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	121
H-8	5/7/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	99.8
H-9	5/7/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	115
H-10	5/7/2025	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.6
H-11	5/7/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	107
H-12	5/7/2025	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	119
H-13	5/7/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	131
H-14	5/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.7
H-15	5/7/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
NGL Water Solutions
Paduca Booster
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	10/14/2025	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	202
CS-2	10/14/2025	3'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	101
CS-3	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	127
CS-4	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	113
CS-5	10/14/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	32.2
CS-6	10/14/2025	3'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	110
CS-7	10/14/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	114
CS-8	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
CS-9	10/14/2025	3'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	129
CS-10	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	108
CS-11	10/14/2025	5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	165
CS-12	10/14/2025	5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	191
CS-13	10/14/2025	5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	176
CS-14	10/14/2025	5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	186
CS-15	10/14/2025	5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	195
CS-16	10/14/2025	5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	187
CS-17	10/14/2025	5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	181
CS-18	10/14/2025	5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	167
CS-19	10/14/2025	5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	192
CS-20	10/14/2025	5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	187
CS-21	10/14/2025	5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	196
CS-22	10/14/2025	5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	154
CS-23	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	94.7
CS-24	10/14/2025	3'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	95.7
CS-25	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	105
CS-26	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	246
CS-27	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	236
CS-28	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	243
CS-29	10/14/2025	3'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	225
CS-30	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	223
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
NGL Water Solutions
Paduca Booster
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-31	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	273
CS-32	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	240
CS-33	10/14/2025	3'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	232
CS-34	10/14/2025	3'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	217
CS-35	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	209
CS-36	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	238
CS-37	10/14/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	219
CS-38	10/14/2025	3'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	230
CS-39	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	251
CS-40	10/14/2025	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	256
CS-41	10/14/2025	3'	<50.1	**186**	<50.1	**186**	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	313
	10/29/2025	3.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	0.00676	0.00676	78.4
CS-42	10/14/2025	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	308
CS-43	10/14/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00201	0.00213	<0.00201	<0.00402	0.00553	308
CS-44	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	360
CS-45	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	293
CS-46	10/14/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00451	0.00512	0.00888	0.0185	360
CS-47	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	354
CS-48	10/14/2025	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	323
CS-49	10/14/2025	2'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	300
CS-50	10/14/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	0.00566	0.00566	306
CS-51	10/14/2025	2'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	354
CS-52	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	302
CS-53	10/14/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	239
CS-54	10/14/2025	2'	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	277
CS-55	10/14/2025	2'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	306
CS-56	10/14/2025	2'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	291
CS-57	10/14/2025	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	262
CS-58	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	270
CS-59	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	264
CS-60	10/14/2025	2'	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	240
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
NGL Water Solutions
Paduca Booster
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-61	10/14/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	257
CS-62	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	235
CS-63	10/14/2025	2'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	270
CS-64	10/14/2025	2'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	279
CS-65	10/14/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	230
CS-66	10/14/2025	2'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	239
CS-67	10/14/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	269
CS-68	10/14/2025	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	267
CS-69	10/14/2025	2'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	289
CS-70	10/14/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	257
CS-71	10/14/2025	2'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	289
CS-72	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	246
CS-73	10/14/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	250
CS-74	10/14/2025	2'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	246
CS-75	10/14/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	302
CS-76	10/14/2025	2'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	253
CS-77	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	229
CS-78	10/14/2025	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	255
CS-79	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	220
CS-80	10/14/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	272
CS-81	10/14/2025	2'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	214
CS-82	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	206
CS-83	10/14/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	125
CS-84	10/14/2025	6'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	264
CS-85	10/14/2025	6'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	262
CS-86	10/14/2025	6'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	237
CS-87	10/14/2025	6'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	268
CS-88	10/14/2025	6'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	232
CS-89	10/14/2025	6'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	213
CS-90	10/14/2025	6'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	204
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
NGL Water Solutions
Paduca Booster
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-91	10/14/2025	6'	<49.7	**112**	<49.7	**112**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	221
	10/29/2025	6.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	81.3
CS-92	10/14/2025	6'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	232
CS-93	10/14/2025	6'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	224
CS-94	10/14/2025	6'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	234
CS-95	10/14/2025	6'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	226
CS-96	10/14/2025	6'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	220
CS-97	10/14/2025	6'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	239
CS-98	10/14/2025	6'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	205
CS-99	10/14/2025	6'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	230
CS-100	10/14/2025	6'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	230
SW-1	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	11.3
SW-2	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	88.5
SW-3	10/14/2025	3'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	102
SW-4	10/14/2025	3'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	90.6
SW-5	10/14/2025	3'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	100
SW-6	10/14/2025	3'	<5.01	<5.01	<5.01	<5.01	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	95.4
SW-7	10/14/2025	5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	178
SW-8	10/14/2025	5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	165
SW-9	10/14/2025	5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	182
SW-10	10/14/2025	5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	184
SW-11	10/14/2025	5'	<49.7	<49.7	71.0	71.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	157
SW-12	10/14/2025	5'	<50.0	<50.0	63.5	63.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	153
SW-13	10/14/2025	5'	<49.8	<49.8	56.3	56.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	153
SW-14	10/14/2025	5'	<50.3	<50.3	52.5	52.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	94.9
SW-15	10/14/2025	3'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	76.7
SW-16	10/14/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	109
SW-17	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	104
SW-18	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	96.4
SW-19	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.9
SW-20	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	103
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
NGL Water Solutions
Paduca Booster
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-21	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	210
SW-22	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	232
SW-23	10/14/2025	3'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	230
SW-24	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	240
SW-25	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	258
SW-26	10/14/2025	3'	<50.2	55.9	<50.2	55.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	248
SW-27	10/14/2025	3'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	234
SW-28	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	259
SW-29	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	266
SW-30	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	258
SW-31	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	236
SW-32	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	285
SW-33	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	188
SW-34	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	233
SW-35	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	0.00226	0.00500	0.00497	0.0122	225
SW-36	10/14/2025	3'	<49.8	<49.8	<49.8	<49.8	0.00259	<0.00199	<0.00199	<0.00398	0.00588	228
SW-37	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	189
SW-38	10/14/2025	3'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	237
SW-39	10/14/2025	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	200
SW-40	10/14/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	199
SW-41	10/14/2025	3'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	270
SW-42	10/14/2025	3'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	253
SW-43	10/14/2025	2'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	175
SW-44	10/14/2025	4'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	241
SW-45	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	220
SW-46	10/14/2025	2'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	221
SW-47	10/14/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	245
SW-48	10/14/2025	2'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	245
SW-49	10/14/2025	2'	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	231
SW-50	10/14/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	262
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
Paduca Booster
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	10/14/2025	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	312
SW-52	10/14/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	316
SW-53	10/14/2025	6'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	274
SW-54	10/14/2025	6'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	412
SW-55	10/14/2025	6'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	295
SW-56	10/14/2025	6'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	309
SW-57	10/14/2025	6'	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	386
SW-58	10/14/2025	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	296
SW-59	10/14/2025	6'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	282
SW-60	10/14/2025	6'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	303
SW-61	10/14/2025	6'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	218
SW-62	10/14/2025	6'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	221
SW-63	10/14/2025	6'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	200
Backfill	10/31/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.5
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: Paduca Booster

County: Lea County, New Mexico

Description:
View West, area of CS-1 through CS-10.

Photograph No. 2

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View South, area of CS-11 through CS-22.

Photograph No. 3

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View Southwest, area of CS-13 through CS-25.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4

Facility: Paduca Booster

County: Lea County, New Mexico

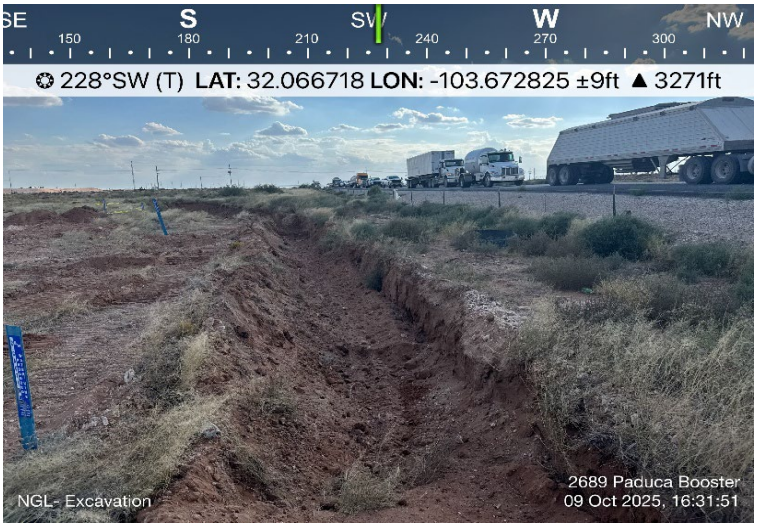
Description:
View South, area of CS-26 through CS-34.

Photograph No. 5

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View Southwest, area of CS-35 through CS-38.

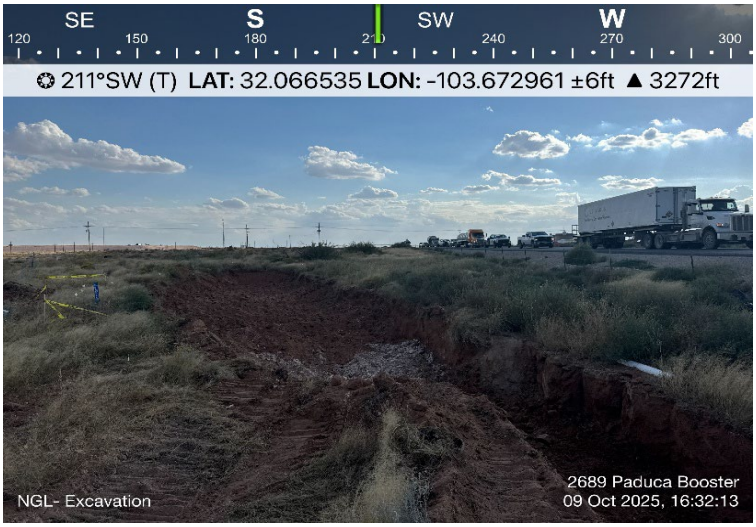


Photograph No. 6

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View Southwest, area of CS-39 through CS-44.



PHOTOGRAPHIC LOG

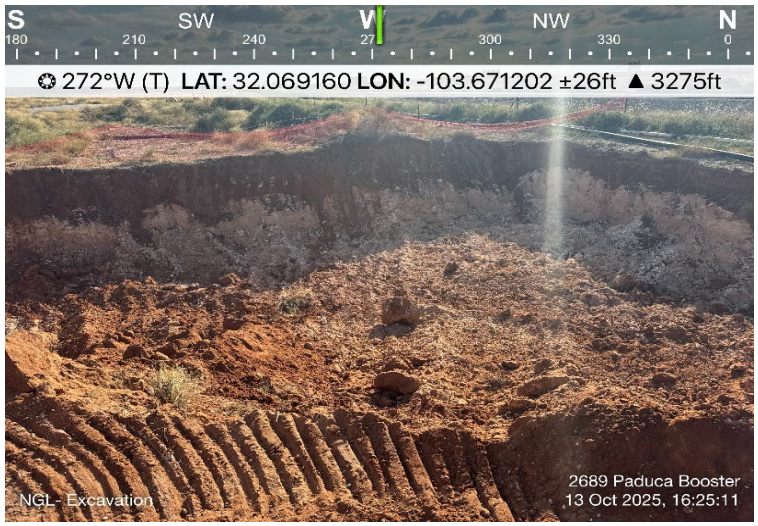
NGL Energy Partners

Photograph No. 7

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View West, area of CS-45 through CS-60.

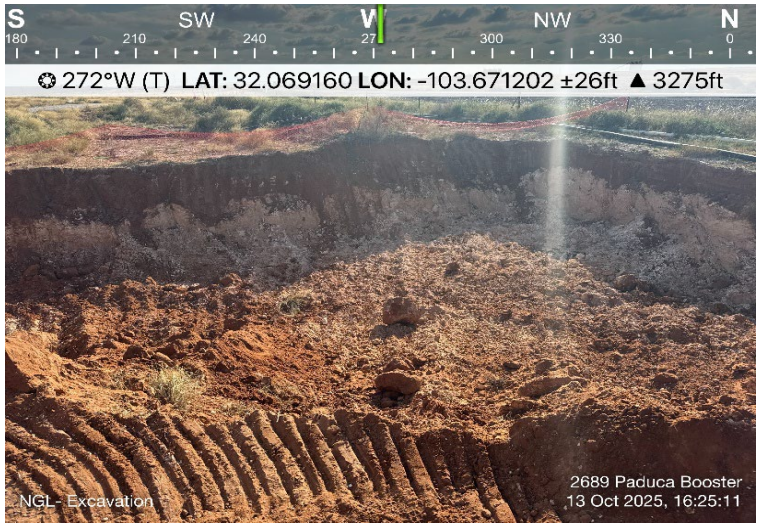


Photograph No. 8

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View West, area of CS-61 through CS-68.

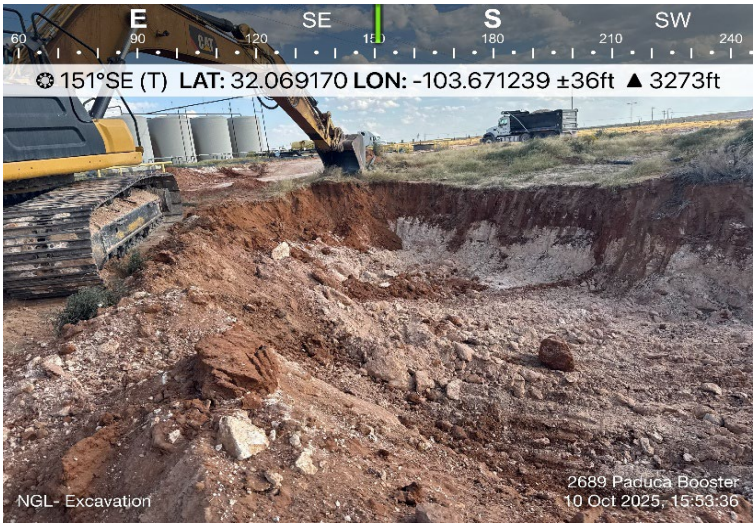


Photograph No. 9

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View Southwest, area of CS-69 through CS-75.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 10

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View East, area of CS-76 through CS-85.

Photograph No. 11

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View West, area of CS-86 through CS-100.

Photograph No. 12

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View South of backfilled area.

PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 13

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View South of backfilled area.

Photograph No. 14

Facility: Paduca Booster

County: Lea County, New Mexico

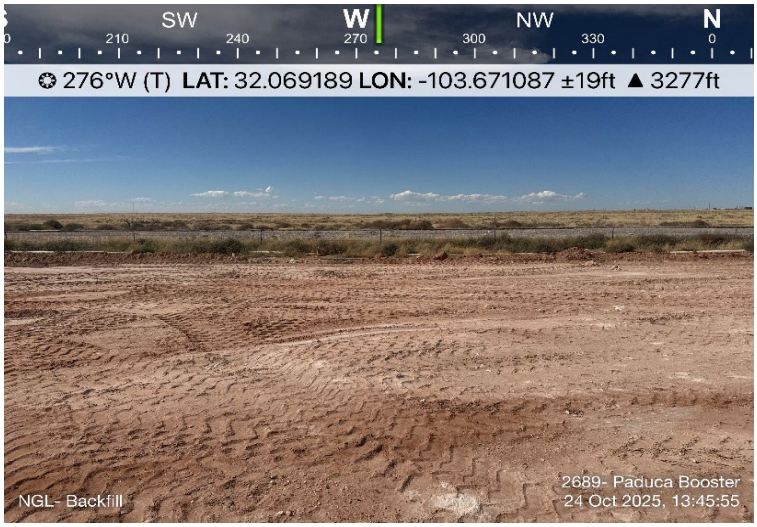
Description:
View West of backfilled area.

Photograph No. 15

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View West of backfilled area.



PHOTOGRAPHIC LOG

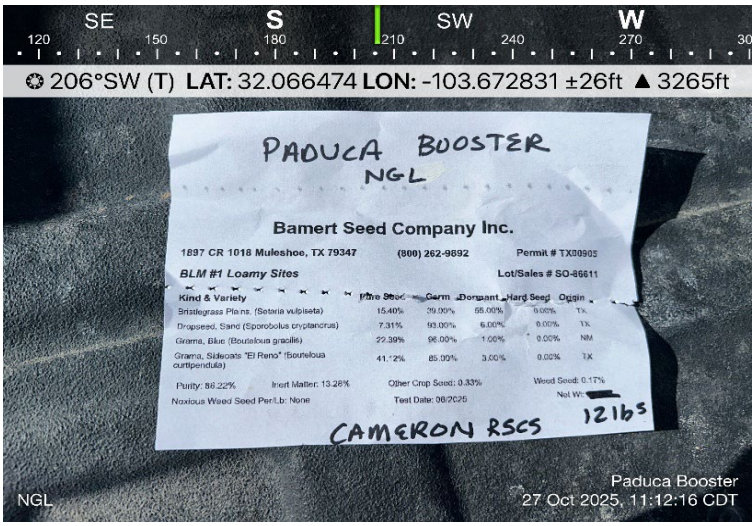
NGL Energy Partners

Photograph No. 16

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View of BLM #1 Seed Mix.



Photograph No. 17

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View West of re-seeding area.

Photograph No. 18

Facility: Paduca Booster

County: Lea County, New Mexico

Description:
View South of re-seeding area.

APPENDIX C

CARMONA RESOURCES

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447183
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Paduca Booster
Date Release Discovered	03/28/2025
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Injection Header | Produced Water | Released: 450 BBL | Recovered: 400 BBL | Lost: 50 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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1220 S. St Francis Dr.
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QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447183
	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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ACKNOWLEDGMENTS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447183
	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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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: 447183
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
kelsiwelchipt	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/31/2025

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

QUESTIONS

Action 513815

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 513815
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2509039316**
Incident Name	**NAPP2509039316 PADUCA BOOSTER @ L-03-26S-32E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**Paduca Booster**
Date Release Discovered	**03/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	32,708
What is the estimated number of samples that will be gathered	140
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/14/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 4328136823
Please provide any information necessary for navigation to sampling site	32.068784°, -103.670783°

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 513815
	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.	10/9/2025
cole lane	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/9/2025

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

QUESTIONS

Action 514963

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 514963
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2509039316**
Incident Name	**NAPP2509039316 PADUCA BOOSTER @ L-03-26S-32E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**Paduca Booster**
Date Release Discovered	**03/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,450
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/17/2025
Time sampling will commence	08:00 AM
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	32.068784°, -103.670783°

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 514963
	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.	10/14/2025
cole lane	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/14/2025

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QUESTIONS

Action 519876

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 519876
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2509039316**
Incident Name	**NAPP2509039316 PADUCA BOOSTER @ L-03-26S-32E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**Paduca Booster**
Date Release Discovered	**03/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/29/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 4328136823
Please provide any information necessary for navigation to sampling site	32.068784°, -103.670783°

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Phone: (505) 629-6116

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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: 519876
	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.	10/24/2025
cole lane	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/24/2025

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

QUESTIONS

Action 519876

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 519876
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2509039316**
Incident Name	**NAPP2509039316 PADUCA BOOSTER @ L-03-26S-32E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**Paduca Booster**
Date Release Discovered	**03/28/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/29/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 4328136823
Please provide any information necessary for navigation to sampling site	32.068784°, -103.670783°

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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: 519876
	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.	10/24/2025
cole lane	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/24/2025

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

QUESTIONS

Action 452901

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 452901
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Paduca Booster
Date Release Discovered	04/15/2025
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Coupling | Produced Water | Released: 450 BBL | Recovered: 390 BBL | Lost: 60 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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Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 452901
	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
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1220 S. St Francis Dr.
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ACKNOWLEDGMENTS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 452901
	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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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: 452901
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
kelsiwelchipt	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/16/2025

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

QUESTIONS

Action 513861

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 513861
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2510652338**
Incident Name	**NAPP2510652338 PADUCA BOOSTER @ L-03-26S-32E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**PADUCA BOOSTER**
Date Release Discovered	**04/15/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	32,708
What is the estimated number of samples that will be gathered	140
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/14/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 4328136823
Please provide any information necessary for navigation to sampling site	32.068784°, -103.670783°

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Phone: (505) 476-3441

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

CONDITIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	372338
	Action Number: 513861
	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.	10/9/2025
cole lane	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/9/2025

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

QUESTIONS

Action 514964

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 514964
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2510652338**
Incident Name	**NAPP2510652338 PADUCA BOOSTER @ L-03-26S-32E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**PADUCA BOOSTER**
Date Release Discovered	**04/15/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	6,450
What is the estimated number of samples that will be gathered	28
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/17/2025
Time sampling will commence	08:00 AM
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	32.068784°, -103.670783°

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

CONDITIONS

Action 514964

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 514964
	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.	10/14/2025
cole lane	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/14/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 519877

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 519877
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2510652338**
Incident Name	**NAPP2510652338 PADUCA BOOSTER @ L-03-26S-32E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**

Location of Release Source	
Site Name	**PADUCA BOOSTER**
Date Release Discovered	**04/15/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/29/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 4328136823
Please provide any information necessary for navigation to sampling site	32.068784°, -103.670783°

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 519877
	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.	10/24/2025
cole lane	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	10/24/2025

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

NGL Water Solutions

Legend

- 0.50 Mile Radius
- 1.15 Miles
- 1.64 Miles
- 2.38 Miles
- Groundwater Determination Bore
- Paduca Booster (03.28.2025)
- USGS Water Well

289.90' - Drilled 1987

103' GWDB - Drilled 2021

Paduca Booster (03.28.2025)

55' GWDB - Drilled 2021

Google Earth

Image © 2025 Airbus

N

1 mi

Medium Karst
NGL Water Solutions
Legend
Low
Medium
Paduca Booster (03.28.2025)
Paduca Booster (03.28.2025)
Google Earth
Image © 2025 Airbus
N
1 mi

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		1716	0	0	0
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2		3634	55		

Average Depth to Water: **0 feet**

Minimum Depth: **0 feet**

Maximum Depth: **0 feet**

Record Count: 2

UTM Filters (in meters):
Easting: 625474.13
Northing: 3548831.90
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.

TETRA TECH

Borehole ID:
GWDB

Soil Drilling Log

Project Name : Hallertau 5 Fed #4
Project No. : 212C-MD-02564
Location : Lea County, New Mexico
Coordinates : 32.0656322, -103.6901477
Elevation : N/A

Date : Tuesday, December 21, 2021
Sampler : Zeke Moreno
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Chloride Field Test (ppm)	Field Titration Test (ppm)
0		CALICHE, some sand, coarse, light tan to white, dry, no odor, no staining.	150ppm	
		SAND with caliche, well sorted, well rounded, light tan, no moisture, no odor, no staining.	112ppm	
5		"	72ppm	
		fine SAND with some caliche (<20%), light tan, well sorted, well rounded, no moisture, no odor, no staining	41ppm 73ppm	
10		fine SAND, well sorted, rounded, light tan, no moisture, no odor, no staining.	44ppm	
15		"		
20		"		
25		"		
30		fine SAND with some caliche pockets, well sorted and rounded sand grains, light tan, dry, no odor, no staining.		
35		fine SAND, well sorted, rounded, light tan, no moisture, no odor, no staining.		
40		"		
45		"		
50				

Depth (ft.)	WL	Soil Description	Chloride Field Test (ppm)	Field Titration Test (ppm)
50		fine SAND, well sorted, rounded, light tan, no moisture, no odor, no staining.		
55		"		
60		Total Depth = 55'		
65				
70				
75				
80				
85				
90				
95				
100				

* *H.O. = Heavy Odor*
* *H.S. = Heavy Staining*
* *L.O. = Low Odor*
* *L.S. = Low Staining*

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

Click to hideNews Bulletins

- Explore the *NEW* USGS National Water Dashboard interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320424103415401

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320424103415401 26S.31E.01.421322

Eddy County, New Mexico
Latitude 32°04'24", Longitude 103°41'54" NAD27
Land-surface elevation 3,294 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1983-01-26		D	62610		3002.25	NGVD29	1	Z		
1983-01-26		D	62611		3003.88	NAVD88	1	Z		
1983-01-26		D	72019	290.12			1	Z		
1983-02-14		D	62610		3002.95	NGVD29	1	Z		
1983-02-14		D	62611		3004.58	NAVD88	1	Z		
1983-02-14		D	72019	289.42			1	Z		
1987-10-21		D	62610		3002.47	NGVD29	1	Z		
1987-10-21		D	62611		3004.10	NAVD88	1	Z		
1987-10-21		D	72019	289.90			1	Z		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day

Section	Code	Description
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

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

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2023-03-23 15:34:50 EDT
0.29 0.25 nadww02

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DIT AUG 2 2021 PM4:45

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (MW-1)	n/a	C-4549

WELL OWNER NAME(S)	PHONE (OPTIONAL)
BTA Oil Producers	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
104 S. Pecos St.	Midland	TX	79701

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	4	40.92	N
	LONGITUDE	103	37	53.68	W

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

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

NW NW NW Sec. 11 T26S R32E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
07/14/2021	07/14/2021	temporary well material	103	n/a

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): n/a

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

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

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	103	±8.5	Boring- HSA	–	–	–	–

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	AMOUNT (cubic feet)	METHOD OF PLACEMENT

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. C-4549	POD NO. 1	TRN NO. 698318	
LOCATION 26S-32E-11	1.1.1	WELL TAG ID NO. NA –	PAGE 1 OF 2

OSE DIT AUG 2 2021 PM4:45

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	4	4	Caliche, Consolidated , White	Y ✓ N	
4	9	5	Caliche, Consolidated , with fine-grained, Tan	Y ✓ N	
9	14	5	Caliche, Consolidated , White	Y ✓ N	
14	19	5	Caliche, Consolidated , with fine-grained, Tan	Y ✓ N	
19	69	50	Sand, Fine-grained poorly graded, with caliche , Tanish Brown	Y ✓ N	
69	79	103	Clay, Stiff, High Plasticity, Dark Brown,	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:

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: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface.

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

Shane Eldridge, Cameron Pruitt, Carmelo Trevino

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:

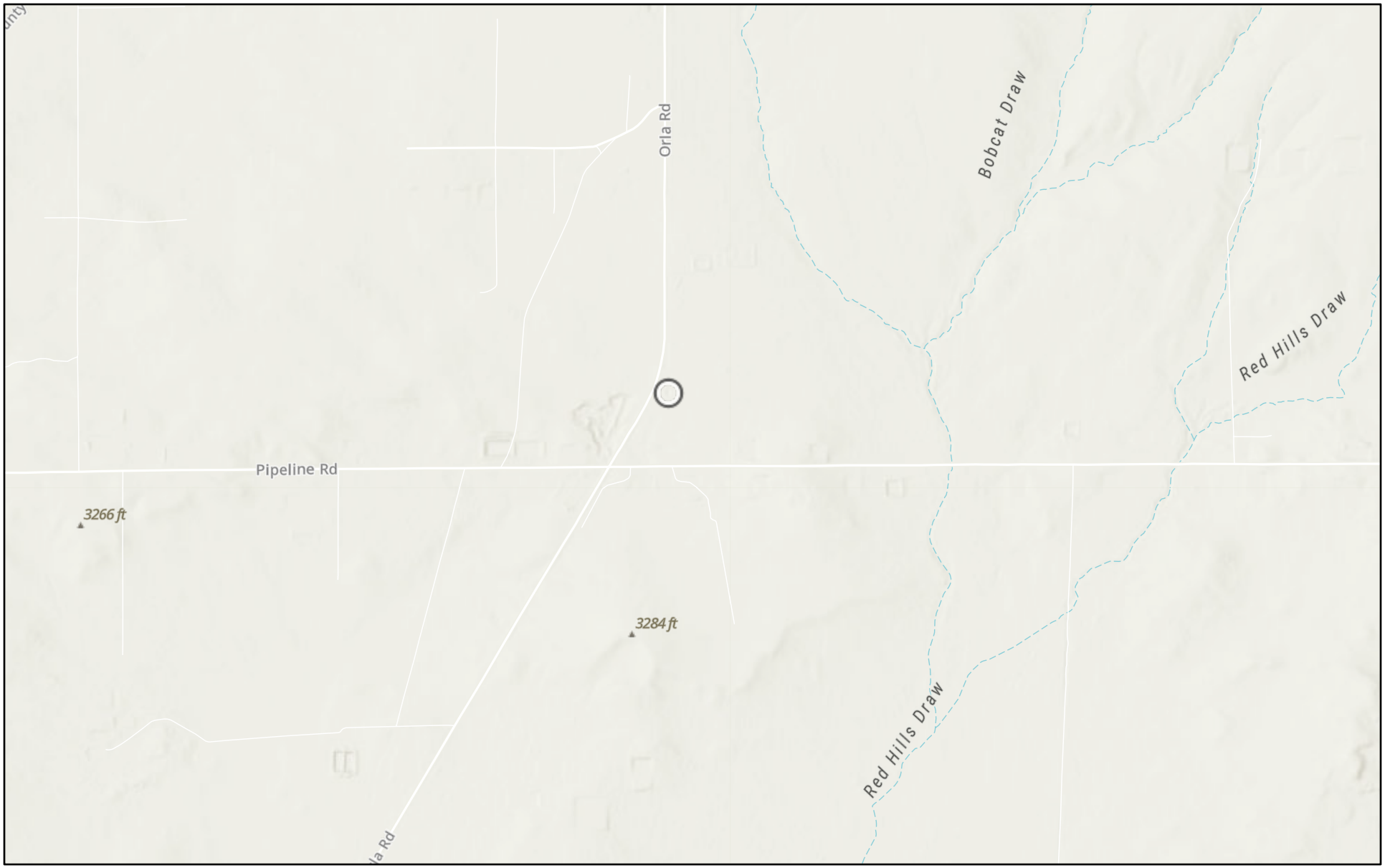
Jack Atkins — Jackie D. Atkins — 07/29/2021

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. C-4549	POD NO. 1	TRN NO. 698318	
LOCATION 26S-32E-11	1.1.1	WELL TAG ID NO. NA	PAGE 2 OF 2

Paduca Booster (03.28.2025)



4/2/2025

World_Hillshade

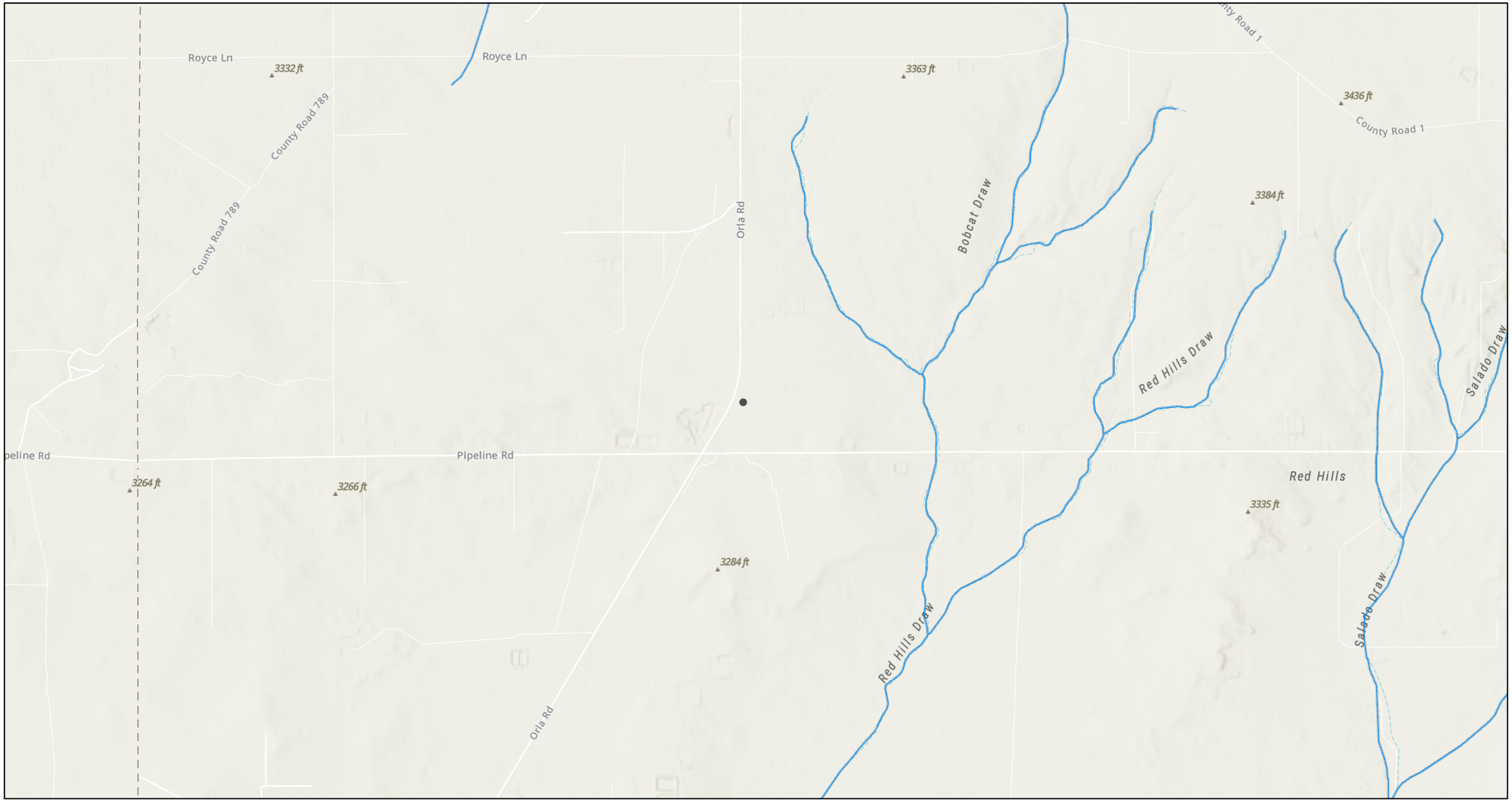
1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

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

Paduca Booster (03.28.2025)



4/2/2025, 8:46:35 AM

OSE Streams

1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE

New Mexico Oil Conservation Division

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/13/2025 11:38:49 AM

JOB DESCRIPTION

NGL Paduca Booster
Lea County New Mexico

JOB NUMBER

880-57968-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 12/13/2025 3:31:36 PM

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
5/13/2025 11:38:49 AM

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

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Laboratory Job ID: 880-57968-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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
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 Paduca Booster

Job ID: 880-57968-1

Job ID: 880-57968-1 Eurofins Midland

Job Narrative
880-57968-1

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 5/9/2025 10:06 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 0.4°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109782 and analytical batch 880-109887 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109922 and analytical batch 880-109913 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-7 (0-0.5') (880-57968-7), (880-56959-A-16-F MDLV) and (880-57988-A-1-F). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109922 and analytical batch 880-109913 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-109916 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:(CCV 880-109916/33).

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-109838 and analytical batch 880-109916 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside the upper control limit: H-1 (0-0.5') (880-57968-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-3 (0-0.5') (880-57968-3), (880-57968-A-3-G MS) and (880-57968-A-3-H MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: H-4 (0-0.5') (880-57968-4) and H-5 (0-0.5') (880-57968-5). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-109950 and analytical batch 880-109955 was outside the upper control limits.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-57968-1

Job ID: 880-57968-1 (Continued) Eurofins Midland

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-56959-A-31-F MDLV). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109775 and analytical batch 880-109979 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

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109778 and analytical batch 880-109796 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 Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-1
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:42	05/09/25 19:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:42	05/09/25 19:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:42	05/09/25 19:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:42	05/09/25 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:42	05/09/25 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:42	05/09/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*05/09/25 10:42*	*05/09/25 19:24*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*05/09/25 10:42*	*05/09/25 19:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 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	<50.4	U	50.4		mg/Kg			05/12/25 14:23	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	<50.4	U	50.4		mg/Kg		05/12/25 11:03	05/12/25 14:23	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		05/12/25 11:03	05/12/25 14:23	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		05/12/25 11:03	05/12/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*153*	*S1+*	*70 - 130*	*05/12/25 11:03*	*05/12/25 14:23*	*1*
o-Terphenyl (Surr)	*154*	*S1+*	*70 - 130*	*05/12/25 11:03*	*05/12/25 14:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.9**		9.94		mg/Kg			05/09/25 19:58	1

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

Lab Sample ID: 880-57968-2
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:42	05/09/25 19:45	1
Toluene	**0.00324**		0.00198		mg/Kg		05/09/25 10:42	05/09/25 19:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:42	05/09/25 19:45	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:42	05/09/25 19:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:42	05/09/25 19:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:42	05/09/25 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/09/25 10:42*	*05/09/25 19:45*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*05/09/25 10:42*	*05/09/25 19:45*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-2
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 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	<50.5	U	50.5		mg/Kg			05/12/25 14:38	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	<50.5	U	50.5		mg/Kg		05/12/25 11:03	05/12/25 14:38	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		05/12/25 11:03	05/12/25 14:38	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		05/12/25 11:03	05/12/25 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*05/12/25 11:03*	*05/12/25 14:38*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*05/12/25 11:03*	*05/12/25 14:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.0**		10.0		mg/Kg			05/09/25 20:05	1

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

Lab Sample ID: 880-57968-3
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:42	05/09/25 20:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:42	05/09/25 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*05/09/25 10:42*	*05/09/25 20:05*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/09/25 10:42*	*05/09/25 20:05*	*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			05/09/25 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	<49.8	U	49.8		mg/Kg			05/12/25 13:09	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		05/12/25 11:04	05/12/25 13:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/12/25 11:04	05/12/25 13:09	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-3
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 11:04	05/12/25 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*151*	*S1+*	*70 - 130*	*05/12/25 11:04*	*05/12/25 13:09*	*1*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*	*05/12/25 11:04*	*05/12/25 13:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		9.98		mg/Kg			05/09/25 20:13	1

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

Lab Sample ID: 880-57968-4
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:42	05/09/25 20:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:42	05/09/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*05/09/25 10:42*	*05/09/25 20:26*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/09/25 10:42*	*05/09/25 20:26*	*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			05/09/25 20:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/12/25 14:23	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		05/12/25 11:04	05/12/25 14:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/25 11:04	05/12/25 14:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/25 11:04	05/12/25 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*144*	*S1+*	*70 - 130*	*05/12/25 11:04*	*05/12/25 14:23*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*05/12/25 11:04*	*05/12/25 14:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**142**		10.1		mg/Kg			05/09/25 20:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-5
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00209**		0.00200		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 13:07	05/12/25 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*05/09/25 13:07*	*05/12/25 20:33*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*05/09/25 13:07*	*05/12/25 20:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/12/25 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	<49.7	U	49.7		mg/Kg			05/12/25 14:38	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		05/12/25 11:04	05/12/25 14:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/12/25 11:04	05/12/25 14:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/12/25 11:04	05/12/25 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*148*	*S1+*	*70 - 130*	*05/12/25 11:04*	*05/12/25 14:38*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*05/12/25 11:04*	*05/12/25 14:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		9.90		mg/Kg			05/09/25 20:29	1

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

Lab Sample ID: 880-57968-6
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/10/25 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/10/25 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/10/25 00:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:56	05/10/25 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/10/25 00:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:56	05/10/25 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*05/09/25 10:56*	*05/10/25 00:15*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*05/09/25 10:56*	*05/10/25 00:15*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-6
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			05/10/25 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	<50.1	U	50.1		mg/Kg			05/12/25 21:30	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	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 21:30	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		05/09/25 10:32	05/12/25 21:30	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*05/09/25 10:32*	*05/12/25 21:30*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*05/09/25 10:32*	*05/12/25 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.0**	**F1**	10.0		mg/Kg			05/09/25 20:37	1

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

Lab Sample ID: 880-57968-7
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/12/25 08:52	05/12/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*05/12/25 08:52*	*05/12/25 13:56*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*05/12/25 08:52*	*05/12/25 13:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/12/25 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			05/12/25 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/12/25 22:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/12/25 22:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-7
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:32	05/12/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*05/09/25 10:32*	*05/12/25 22:18*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*05/09/25 10:32*	*05/12/25 22:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		9.98		mg/Kg			05/09/25 21:00	1

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

Lab Sample ID: 880-57968-8
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 14:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*05/12/25 08:52*	*05/12/25 14:17*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*05/12/25 08:52*	*05/12/25 14:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/12/25 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	<50.0	U	50.0		mg/Kg			05/12/25 22:35	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	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 22:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*05/09/25 10:32*	*05/12/25 22:35*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*05/09/25 10:32*	*05/12/25 22:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.8**		10.1		mg/Kg			05/09/25 21:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-57968-9
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 14:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 14:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 14:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/12/25 08:52	05/12/25 14:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 14:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/12/25 08:52	05/12/25 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*05/12/25 08:52*	*05/12/25 14:37*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*05/12/25 08:52*	*05/12/25 14:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/12/25 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	<50.1	U	50.1		mg/Kg			05/12/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 22:51	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 22:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*05/09/25 10:32*	*05/12/25 22:51*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*05/09/25 10:32*	*05/12/25 22:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		9.94		mg/Kg			05/09/25 21:31	1

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-57968-10
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 14:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 14:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 14:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 14:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 14:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*05/12/25 08:52*	*05/12/25 14:58*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*05/12/25 08:52*	*05/12/25 14:58*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-57968-10
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			05/12/25 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			05/12/25 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:08	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:08	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*05/09/25 10:32*	*05/12/25 23:08*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*05/09/25 10:32*	*05/12/25 23:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.6**		9.92		mg/Kg			05/09/25 21:39	1

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-57968-11
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*05/09/25 10:56*	*05/09/25 18:20*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*05/09/25 10:56*	*05/09/25 18:20*	*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			05/09/25 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			05/12/25 23:23	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	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 23:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 23:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-57968-11
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:32	05/12/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*05/09/25 10:32*	*05/12/25 23:23*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*05/09/25 10:32*	*05/12/25 23:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		10.0		mg/Kg			05/09/25 21:46	1

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-57968-12
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:56	05/09/25 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*05/09/25 10:56*	*05/09/25 18:40*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*05/09/25 10:56*	*05/09/25 18:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/09/25 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/12/25 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:39	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:39	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*05/09/25 10:32*	*05/12/25 23:39*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*05/09/25 10:32*	*05/12/25 23:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		9.98		mg/Kg			05/09/25 21:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-57968-13
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 19:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 19:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 19:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 19:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 19:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*05/09/25 10:56*	*05/09/25 19:01*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*05/09/25 10:56*	*05/09/25 19:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/25 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	<49.9	U	49.9		mg/Kg			05/12/25 23:55	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		05/09/25 10:32	05/12/25 23:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/12/25 23:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/12/25 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*05/09/25 10:32*	*05/12/25 23:55*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*05/09/25 10:32*	*05/12/25 23:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		10.1		mg/Kg			05/09/25 22:02	1

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-57968-14
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 19:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 19:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*05/09/25 10:56*	*05/09/25 19:21*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*05/09/25 10:56*	*05/09/25 19:21*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-57968-14
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 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			05/13/25 00:11	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		05/09/25 10:32	05/13/25 00:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/13/25 00:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/13/25 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*05/09/25 10:32*	*05/13/25 00:11*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*05/09/25 10:32*	*05/13/25 00:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.7**		9.98		mg/Kg			05/09/25 22:10	1

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-57968-15
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 19:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*05/09/25 10:56*	*05/09/25 19:42*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*05/09/25 10:56*	*05/09/25 19:42*	*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			05/09/25 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	<49.9	U	49.9		mg/Kg			05/13/25 00:27	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		05/09/25 10:32	05/13/25 00:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 00:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-15 (0-0.5')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57968-15
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)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*05/09/25 10:32*	*05/13/25 00:27*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*05/09/25 10:32*	*05/13/25 00:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		10.0		mg/Kg			05/09/25 22:18	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
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)										
880-56959-A-20-A MB	Method Blank	95	111										
880-57967-A-2-B MS	Matrix Spike	87	89										
880-57967-A-2-C MSD	Matrix Spike Duplicate	89	95										
880-57968-1	H-1 (0-0.5')	90	105										
880-57968-2	H-2 (0-0.5')	94	111										
880-57968-3	H-3 (0-0.5')	87	102										
880-57968-4	H-4 (0-0.5')	86	98										
880-57968-5	H-5 (0-0.5')	98	122										
880-57968-6	H-6 (0-0.5')	124	108										
880-57968-7	H-7 (0-0.5')	134 S1+	120										
880-57968-8	H-8 (0-0.5')	126	112										
880-57968-9	H-9 (0-0.5')	123	111										
880-57968-10	H-10 (0-0.5')	128	110										
880-57968-11	H-11 (0-0.5')	101	113										
880-57968-11 MS	H-11 (0-0.5')	104	100										
880-57968-11 MSD	H-11 (0-0.5')	113	110										
880-57968-12	H-12 (0-0.5')	85	121										
880-57968-13	H-13 (0-0.5')	115	115										
880-57968-14	H-14 (0-0.5')	126	108										
880-57968-15	H-15 (0-0.5')	127	112										
880-57988-A-1-D MS	Matrix Spike	107	98										
880-57988-A-1-E MSD	Matrix Spike Duplicate	106	102										
890-8138-A-2-B MS	Matrix Spike	94	103										
890-8138-A-2-C MSD	Matrix Spike Duplicate	96	105										
LCS 880-109769/1-A	Lab Control Sample	94	102										
LCS 880-109782/1-A	Lab Control Sample	107	100										
LCS 880-109838/1-A	Lab Control Sample	92	105										
LCS 880-109922/1-A	Lab Control Sample	101	103										
LCSD 880-109769/2-A	Lab Control Sample Dup	93	110										
LCSD 880-109782/2-A	Lab Control Sample Dup	103	113										
LCSD 880-109838/2-A	Lab Control Sample Dup	102	126										
LCSD 880-109922/2-A	Lab Control Sample Dup	111	101										
MB 880-109769/5-A	Method Blank	91	91										
MB 880-109782/5-A	Method Blank	154 S1+	100										
MB 880-109838/5-A	Method Blank	93	94										
MB 880-109922/5-A	Method Blank	164 S1+	92										

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)										
880-57968-1	H-1 (0-0.5')	153 S1+	154 S1+										
880-57968-2	H-2 (0-0.5')	122	128										
880-57968-3	H-3 (0-0.5')	151 S1+	136 S1+										

Surrogate Summary

Client: Carmona Resources
Job ID: 880-57968-1
Project/Site: NGL Paduca Booster
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)										
880-57968-3 MS	H-3 (0-0.5')	134 S1+	114										
880-57968-3 MSD	H-3 (0-0.5')	131 S1+	110										
880-57968-4	H-4 (0-0.5')	144 S1+	130										
880-57968-5	H-5 (0-0.5')	148 S1+	135 S1+										
880-57968-6	H-6 (0-0.5')	108	107										
880-57968-6 MS	H-6 (0-0.5')	97	104										
880-57968-6 MSD	H-6 (0-0.5')	98	105										
880-57968-7	H-7 (0-0.5')	106	104										
880-57968-8	H-8 (0-0.5')	112	109										
880-57968-9	H-9 (0-0.5')	99	96										
880-57968-10	H-10 (0-0.5')	104	104										
880-57968-11	H-11 (0-0.5')	106	104										
880-57968-12	H-12 (0-0.5')	106	104										
880-57968-13	H-13 (0-0.5')	106	106										
880-57968-14	H-14 (0-0.5')	103	100										
880-57968-15	H-15 (0-0.5')	107	107										
890-8142-A-5-E MS	Matrix Spike	106	105										
890-8142-A-5-F MSD	Matrix Spike Duplicate	106	108										
LCS 880-109775/2-A	Lab Control Sample	124	123										
LCS 880-109950/2-A	Lab Control Sample	82	82										
LCS 880-109951/2-A	Lab Control Sample	81	70										
LCSD 880-109775/3-A	Lab Control Sample Dup	122	125										
LCSD 880-109950/3-A	Lab Control Sample Dup	96	94										
LCSD 880-109951/3-A	Lab Control Sample Dup	85	72										
MB 880-109775/1-A	Method Blank	105	100										
MB 880-109950/1-A	Method Blank	74	72										
MB 880-109951/1-A	Method Blank	81	73										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-56959-A-20-A MB
Matrix: Solid
Analysis Batch: 109766

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 08:58	05/09/25 16:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/09/25 08:58*	*05/09/25 16:55*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*05/09/25 08:58*	*05/09/25 16:55*	*1*

Lab Sample ID: MB 880-109769/5-A
Matrix: Solid
Analysis Batch: 109766

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 08:58	05/09/25 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*05/09/25 08:58*	*05/09/25 11:28*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*05/09/25 08:58*	*05/09/25 11:28*	*1*

Lab Sample ID: LCS 880-109769/1-A
Matrix: Solid
Analysis Batch: 109766

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109769

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	0.09472		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.2031		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-109769/2-A
Matrix: Solid
Analysis Batch: 109766

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1136		mg/Kg		114	70 - 130	7	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-109769/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109766 — **Prep Batch: 109769**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09625		mg/Kg		96	70 - 130	2	35
Ethylbenzene			0.100	0.1038		mg/Kg		104	70 - 130	1	35
m,p-Xylenes			0.200	0.1986		mg/Kg		99	70 - 130	2	35
o-Xylene			0.100	0.09856		mg/Kg		99	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 890-8138-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109766 — **Prep Batch: 109769**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09869		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.08513		mg/Kg		85	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08998		mg/Kg		90	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1751		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U	0.100	0.08598		mg/Kg		86	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-8138-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109766 — **Prep Batch: 109769**

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	0.09964		mg/Kg		100	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.08760		mg/Kg		88	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08969		mg/Kg		90	70 - 130	0	35
m,p-Xylenes	<0.00400	U	0.200	0.1751		mg/Kg		88	70 - 130	0	35
o-Xylene	<0.00200	U	0.100	0.08700		mg/Kg		87	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-109782/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109887 — **Prep Batch: 109782**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 17:51	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-109782/5-A
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 17:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*05/09/25 10:56*	*05/09/25 17:51*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/09/25 10:56*	*05/09/25 17:51*	*1*

Lab Sample ID: LCS 880-109782/1-A
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109782

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1001		mg/Kg		100	70 - 130		
Toluene			0.100	0.08709		mg/Kg		87	70 - 130		
Ethylbenzene			0.100	0.09729		mg/Kg		97	70 - 130		
m,p-Xylenes			0.200	0.1922		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.09359		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-109782/2-A
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109782

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1009		mg/Kg		101	70 - 130	1	35
Toluene			0.100	0.08166		mg/Kg		82	70 - 130	6	35
Ethylbenzene			0.100	0.08628		mg/Kg		86	70 - 130	12	35
m,p-Xylenes			0.200	0.1921		mg/Kg		96	70 - 130	0	35
o-Xylene			0.100	0.09710		mg/Kg		97	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: 880-57968-11 MS
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: H-11 (0-0.5')
Prep Type: Total/NA
Prep Batch: 109782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09584		mg/Kg		96	70 - 130		
Toluene	<0.00200	U	0.100	0.08094		mg/Kg		81	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09352		mg/Kg		94	70 - 130		
m,p-Xylenes	<0.00400	U	0.200	0.1832		mg/Kg		92	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09215		mg/Kg		92	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-11 MS
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: H-11 (0-0.5')
Prep Type: Total/NA
Prep Batch: 109782

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-57968-11 MSD
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: H-11 (0-0.5')
Prep Type: Total/NA
Prep Batch: 109782

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	0.09335		mg/Kg		93	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08363		mg/Kg		84	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08641		mg/Kg		86	70 - 130	8	35
m,p-Xylenes	<0.00400	U	0.200	0.1949		mg/Kg		97	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-109838/5-A
Matrix: Solid
Analysis Batch: 109916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 13:07	05/12/25 11:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	05/09/25 13:07	05/12/25 11:29	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/09/25 13:07	05/12/25 11:29	1

Lab Sample ID: LCS 880-109838/1-A
Matrix: Solid
Analysis Batch: 109916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1147		mg/Kg		115	70 - 130
Toluene	0.100	0.09802		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.1968		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09879		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109838/1-A
Matrix: Solid
Analysis Batch: 109916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109838

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

Lab Sample ID: LCSD 880-109838/2-A
Matrix: Solid
Analysis Batch: 109916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109838

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1251		mg/Kg		125	70 - 130	9	35
Toluene			0.100	0.09407		mg/Kg		94	70 - 130	4	35
Ethylbenzene			0.100	0.1104		mg/Kg		110	70 - 130	4	35
m,p-Xylenes			0.200	0.2032		mg/Kg		102	70 - 130	3	35
o-Xylene			0.100	0.09687		mg/Kg		97	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*

Lab Sample ID: 880-57967-A-2-B MS
Matrix: Solid
Analysis Batch: 109916

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 109838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F2 F1	0.100	0.06931	F1	mg/Kg		69	70 - 130		
Toluene	<0.00200	U F2 F1	0.100	0.05701	F1	mg/Kg		57	70 - 130		
Ethylbenzene	<0.00200	U F2 F1	0.100	0.06807	F1	mg/Kg		68	70 - 130		
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.1132	F1	mg/Kg		57	70 - 130		
o-Xylene	<0.00200	U F2 F1	0.100	0.05957	F1	mg/Kg		60	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 880-57967-A-2-C MSD
Matrix: Solid
Analysis Batch: 109916

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 109838

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	0.02913	F2 F1	mg/Kg		29	70 - 130	82	35
Toluene	<0.00200	U F2 F1	0.100	0.02409	F2 F1	mg/Kg		24	70 - 130	81	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.02811	F2 F1	mg/Kg		28	70 - 130	83	35
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.04965	F2 F1	mg/Kg		25	70 - 130	78	35
o-Xylene	<0.00200	U F2 F1	0.100	0.02931	F2 F1	mg/Kg		29	70 - 130	68	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-109922/5-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/12/25 08:52	05/12/25 12:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*164*	*S1+*	*70 - 130*	*05/12/25 08:52*	*05/12/25 12:00*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/12/25 08:52*	*05/12/25 12:00*	*1*

Lab Sample ID: LCS 880-109922/1-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	0.100	0.08466		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09226		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.2094		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)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-109922/2-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1008		mg/Kg		101	70 - 130	0	35
Toluene	0.100	0.08734		mg/Kg		87	70 - 130	3	35
Ethylbenzene	0.100	0.09937		mg/Kg		99	70 - 130	7	35
m,p-Xylenes	0.200	0.2144		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-57988-A-1-D MS
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 109922

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.07406		mg/Kg		74	70 - 130
Toluene	<0.00202	U F1	0.100	0.06761	F1	mg/Kg		68	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57988-A-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109913 — **Prep Batch: 109922**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U F1	0.100	0.06838	F1	mg/Kg		68	70 - 130
m,p-Xylenes	<0.00403	U	0.200	0.1504		mg/Kg		75	70 - 130
o-Xylene	<0.00202	U	0.100	0.07804		mg/Kg		78	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-57988-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109913 — **Prep Batch: 109922**

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	0.08478		mg/Kg		85	70 - 130	13	35
Toluene	<0.00202	U F1	0.100	0.06593	F1	mg/Kg		66	70 - 130	3	35
Ethylbenzene	<0.00202	U F1	0.100	0.07972		mg/Kg		80	70 - 130	15	35
m,p-Xylenes	<0.00403	U	0.200	0.1635		mg/Kg		82	70 - 130	8	35
o-Xylene	<0.00202	U	0.100	0.08430		mg/Kg		84	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

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

Lab Sample ID: MB 880-109775/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109979 — **Prep Batch: 109775**

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		05/09/25 10:32	05/12/25 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*05/09/25 10:32*	*05/12/25 20:40*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*05/09/25 10:32*	*05/12/25 20:40*	*1*

Lab Sample ID: LCS 880-109775/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109979 — **Prep Batch: 109775**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109775/2-A
Matrix: Solid
Analysis Batch: 109979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109775

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: LCSD 880-109775/3-A
Matrix: Solid
Analysis Batch: 109979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109775

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	913.6		mg/Kg		91	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1074		mg/Kg		107	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: 880-57968-6 MS
Matrix: Solid
Analysis Batch: 109979

Client Sample ID: H-6 (0-0.5')
Prep Type: Total/NA
Prep Batch: 109775

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	995	1152		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	995	1253		mg/Kg		126	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: 880-57968-6 MSD
Matrix: Solid
Analysis Batch: 109979

Client Sample ID: H-6 (0-0.5')
Prep Type: Total/NA
Prep Batch: 109775

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	995	1221		mg/Kg		123	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	995	1321	F1	mg/Kg		133	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	105		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-109950/1-A
Matrix: Solid
Analysis Batch: 109955

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109950

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		05/12/25 11:03	05/12/25 10:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/25 11:03	05/12/25 10:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 11:03	05/12/25 10:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*05/12/25 11:03*	*05/12/25 10:18*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*05/12/25 11:03*	*05/12/25 10:18*	*1*

Lab Sample ID: LCS 880-109950/2-A
Matrix: Solid
Analysis Batch: 109955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109950

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	716.1		mg/Kg		72	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	758.9		mg/Kg		76	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*82*		*70 - 130*
o-Terphenyl (Surr)	*82*		*70 - 130*

Lab Sample ID: LCSD 880-109950/3-A
Matrix: Solid
Analysis Batch: 109955

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109950

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	859.4		mg/Kg		86	70 - 130	18	20
Diesel Range Organics (Over C10-C28)			1000	864.8		mg/Kg		86	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*96*		*70 - 130*
o-Terphenyl (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-8142-A-5-E MS
Matrix: Solid
Analysis Batch: 109955

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 109950

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	990	797.6		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	990	733.0		mg/Kg		74	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-8142-A-5-E MS
Matrix: Solid
Analysis Batch: 109955

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 109950

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 890-8142-A-5-F MSD
Matrix: Solid
Analysis Batch: 109955

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 109950

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	990	796.5		mg/Kg		80	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.8	U	990	743.7		mg/Kg		75	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: MB 880-109951/1-A
Matrix: Solid
Analysis Batch: 109957

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109951

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		05/12/25 11:04	05/12/25 10:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/25 11:04	05/12/25 10:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 11:04	05/12/25 10:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130	05/12/25 11:04	05/12/25 10:18	1
o-Terphenyl (Surr)	73		70 - 130	05/12/25 11:04	05/12/25 10:18	1

Lab Sample ID: LCS 880-109951/2-A
Matrix: Solid
Analysis Batch: 109957

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	999.6		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	998.0		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	70		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-109951/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109957 — **Prep Batch: 109951**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1036		mg/Kg		104	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1070		mg/Kg		107	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*85*		*70 - 130*
o-Terphenyl (Surr)	*72*		*70 - 130*

Lab Sample ID: 880-57968-3 MS — **Client Sample ID: H-3 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109957 — **Prep Batch: 109951**

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	1000	936.5		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	907.4		mg/Kg		91	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*114*		*70 - 130*

Lab Sample ID: 880-57968-3 MSD — **Client Sample ID: H-3 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109957 — **Prep Batch: 109951**

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	1000	915.0		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	880.3		mg/Kg		88	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*110*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-109778/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109796

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/09/25 18:24	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-109778/2-A
Matrix: Solid
Analysis Batch: 109796

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	264.1		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-109778/3-A
Matrix: Solid
Analysis Batch: 109796

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	264.4		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-57968-6 MS
Matrix: Solid
Analysis Batch: 109796

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	96.0	F1	251	412.7	F1	mg/Kg		126	90 - 110		

Lab Sample ID: 880-57968-6 MSD
Matrix: Solid
Analysis Batch: 109796

Client Sample ID: H-6 (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	96.0	F1	251	415.3	F1	mg/Kg		127	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 109766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	8021B	109769
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	8021B	109769
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	8021B	109769
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	8021B	109769
880-56959-A-20-A MB	Method Blank	Total/NA	Solid	8021B	109769
MB 880-109769/5-A	Method Blank	Total/NA	Solid	8021B	109769
LCS 880-109769/1-A	Lab Control Sample	Total/NA	Solid	8021B	109769
LCSD 880-109769/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109769
890-8138-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	109769
890-8138-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109769

Prep Batch: 109769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-56959-A-20-A MB	Method Blank	Total/NA	Solid	5035	
MB 880-109769/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109769/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109769/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8138-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
890-8138-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 109782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	5035	
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	5035	
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	5035	
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	5035	
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	5035	
MB 880-109782/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109782/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109782/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57968-11 MS	H-11 (0-0.5')	Total/NA	Solid	5035	
880-57968-11 MSD	H-11 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 109838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-109838/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109838/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109838/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57967-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
880-57967-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 109887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	8021B	109782

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109887 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	8021B	109782
MB 880-109782/5-A	Method Blank	Total/NA	Solid	8021B	109782
LCS 880-109782/1-A	Lab Control Sample	Total/NA	Solid	8021B	109782
LCSD 880-109782/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109782
880-57968-11 MS	H-11 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-11 MSD	H-11 (0-0.5')	Total/NA	Solid	8021B	109782

Analysis Batch: 109913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	8021B	109922
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	8021B	109922
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	8021B	109922
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	8021B	109922
MB 880-109922/5-A	Method Blank	Total/NA	Solid	8021B	109922
LCS 880-109922/1-A	Lab Control Sample	Total/NA	Solid	8021B	109922
LCSD 880-109922/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109922
880-57988-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	109922
880-57988-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109922

Analysis Batch: 109916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	8021B	109838
MB 880-109838/5-A	Method Blank	Total/NA	Solid	8021B	109838
LCS 880-109838/1-A	Lab Control Sample	Total/NA	Solid	8021B	109838
LCSD 880-109838/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109838
880-57967-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	109838
880-57967-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109838

Prep Batch: 109922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	5035	
MB 880-109922/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109922/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109922/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57988-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-57988-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 109968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109968 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 109775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-109775/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109775/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57968-6 MS	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-6 MSD	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 109950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-109950/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109950/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8142-A-5-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8142-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 109951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-109951/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109951/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109951/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57968-3 MS	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-3 MSD	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 109955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	109950
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	109950
MB 880-109950/1-A	Method Blank	Total/NA	Solid	8015B NM	109950
LCS 880-109950/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109950
LCSD 880-109950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109950
890-8142-A-5-E MS	Matrix Spike	Total/NA	Solid	8015B NM	109950
890-8142-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	109950

Analysis Batch: 109957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	109951
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	109951
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	109951
MB 880-109951/1-A	Method Blank	Total/NA	Solid	8015B NM	109951
LCS 880-109951/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109951
LCSD 880-109951/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109951
880-57968-3 MS	H-3 (0-0.5')	Total/NA	Solid	8015B NM	109951
880-57968-3 MSD	H-3 (0-0.5')	Total/NA	Solid	8015B NM	109951

Analysis Batch: 109979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	8015B NM	109775
MB 880-109775/1-A	Method Blank	Total/NA	Solid	8015B NM	109775
LCS 880-109775/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109775
LCSD 880-109775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109775
880-57968-6 MS	H-6 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-6 MSD	H-6 (0-0.5')	Total/NA	Solid	8015B NM	109775

Analysis Batch: 109999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 109999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 109778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-13	H-13 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-14	H-14 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-15	H-15 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-109778/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109778/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109778/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57968-6 MS	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-6 MSD	H-6 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 109796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-2	H-2 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-3	H-3 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-4	H-4 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-5	H-5 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-6	H-6 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-7	H-7 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-8	H-8 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-9	H-9 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-10	H-10 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-11	H-11 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-12	H-12 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-13	H-13 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-14	H-14 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-15	H-15 (0-0.5')	Soluble	Solid	300.0	109778
MB 880-109778/1-A	Method Blank	Soluble	Solid	300.0	109778
LCS 880-109778/2-A	Lab Control Sample	Soluble	Solid	300.0	109778
LCSD 880-109778/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109778
880-57968-6 MS	H-6 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-6 MSD	H-6 (0-0.5')	Soluble	Solid	300.0	109778

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-1
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109769	05/09/25 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109766	05/09/25 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 14:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	109950	05/12/25 11:03	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109955	05/12/25 14:23	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 19:58	CH	EET MID

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

Lab Sample ID: 880-57968-2
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109769	05/09/25 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109766	05/09/25 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 14:38	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	109950	05/12/25 11:03	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109955	05/12/25 14:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:05	CH	EET MID

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

Lab Sample ID: 880-57968-3
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109769	05/09/25 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109766	05/09/25 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 20:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 13:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109951	05/12/25 11:04	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109957	05/12/25 13:09	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:13	CH	EET MID

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

Lab Sample ID: 880-57968-4
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109769	05/09/25 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109766	05/09/25 20:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 20:26	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-4
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			109999	05/12/25 14:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109951	05/12/25 11:04	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109957	05/12/25 14:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:21	CH	EET MID

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

Lab Sample ID: 880-57968-5
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109838	05/09/25 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109916	05/12/25 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 20:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 14:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	109951	05/12/25 11:04	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109957	05/12/25 14:38	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:29	CH	EET MID

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

Lab Sample ID: 880-57968-6
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/10/25 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/10/25 00:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 21:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 21:30	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:37	CH	EET MID

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

Lab Sample ID: 880-57968-7
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 22:18	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-7
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:00	CH	EET MID

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

Lab Sample ID: 880-57968-8
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 22:35	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:08	CH	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-57968-9
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:31	CH	EET MID

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-57968-10
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 14:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 23:08	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 23:08	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:39	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-57968-11
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 18:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:46	CH	EET MID

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-57968-12
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 23:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 23:39	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:54	CH	EET MID

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-57968-13
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 23:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 23:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 22:02	CH	EET MID

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-57968-14
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:21	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-57968-14
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			109999	05/13/25 00:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 00:11	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 22:10	CH	EET MID

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-57968-15
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/13/25 00:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 00:27	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 22:18	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 Paduca Booster

Job ID: 880-57968-1
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 Paduca Booster

Job ID: 880-57968-1
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 Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57968-1	H-1 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-2	H-2 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-3	H-3 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-4	H-4 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-5	H-5 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-6	H-6 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-7	H-7 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-8	H-8 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-9	H-9 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-10	H-10 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-11	H-11 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-12	H-12 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-13	H-13 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-14	H-14 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-15	H-15 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06

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Chain of Custody

Worl

880-57968 Chain of Custody

5/13/2025

Page 1 of 2

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR9
Cooler Custody Seals:	Yes No N/A	Correction Factor:	0.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.5
Total Containers:		Corrected Temperature:	0.4

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
H-1 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-2 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-3 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-4 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-5 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-6 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-7 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-8 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-9 (0-0.5')	5/7/2025		X		G	1	X	X	X	
H-10 (0-0.5')	5/7/2025		X		G	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		5.9.25
			1006

Received by OCD: 12/3/2025 1:34:09 PM

Released to Imaging: 12/15/2025 3:51:36 PM

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Chain of Custody

Work Order No: _____

5/13/2025

Page 2 of 2

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

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 Paduca Booster	Turn Around	
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
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
H-11 (0-0.5')	5/7/2025		X		G	1		X	X	X	
H-12 (0-0.5')	5/7/2025		X		G	1		X	X	X	
H-13 (0-0.5')	5/7/2025		X		G	1		X	X	X	
H-14 (0-0.5')	5/7/2025		X		G	1		X	X	X	
H-15 (0-0.5')	5/7/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		

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Received by OCD: 12/3/2025 1:34:09 PM

Released to Imaging: 12/15/2025 3:51:36 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57968-1
SDG Number: Lea County New Mexico

Login Number: 57968
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 5/13/2025 6:19:25 PM

JOB DESCRIPTION

NGL Paduca Booster
Lea County New Mexico

JOB NUMBER

880-57969-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 12/15/2025 3:31:36 PM

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
5/13/2025 6:19:25 PM

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

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Laboratory Job ID: 880-57969-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
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, 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
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 Paduca Booster

Job ID: 880-57969-1

Job ID: 880-57969-1 Eurofins Midland

Job Narrative
880-57969-1

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 5/9/2025 10:06 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 0.4°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109782 and analytical batch 880-109887 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-17 (2') (880-57969-65) and T-17 (5') (880-57969-68). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-109780 and analytical batch 880-109841 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-109841 recovered under the lower control limit for Benzene. 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: T-10 (3') (880-57969-40). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-4 (0-1') (880-57969-13), T-4 (3') (880-57969-15), T-4 (5') (880-57969-17), T-5 (0-1') (880-57969-18), T-5 (2') (880-57969-19), T-12 (3') (880-57969-48), T-12 (4') (880-57969-49), T-15 (0-1') (880-57969-56), T-15 (4') (880-57969-59) and (880-56959-A-16-F MDLV). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109781 and analytical batch 880-109913 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109781 and analytical batch 880-109913 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109922 and analytical batch 880-109913 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: T-14 (2') (880-57969-54). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-57969-A-11-C MSD).

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-57969-1

Job ID: 880-57969-1 (Continued) Eurofins Midland

Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109777 and analytical batch 880-109878 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109784 and analytical batch 880-109908 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-109784 and analytical batch 880-109908 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-13 (2') (880-57969-51), T-13 (3') (880-57969-52), T-14 (0-1') (880-57969-53), T-14 (2') (880-57969-54), T-14 (3') (880-57969-55), T-15 (0-1') (880-57969-56), T-15 (2') (880-57969-57), T-15 (3') (880-57969-58), T-15 (4') (880-57969-59), T-16 (0-1') (880-57969-60), T-16 (2') (880-57969-61), T-16 (3') (880-57969-62), T-16 (4') (880-57969-63), T-17 (0-1') (880-57969-64), T-17 (2') (880-57969-65), T-17 (3') (880-57969-66), T-17 (4') (880-57969-67), T-17 (5') (880-57969-68), (LCS 880-109784/2-A), (LCSD 880-109784/3-A), (880-57969-A-51-C MS) and (880-57969-A-51-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109775 and analytical batch 880-109979 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109783 and analytical batch 880-109980 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 the upper control limit: T-8 (0-1') (880-57969-32), T-10 (2') (880-57969-39), T-11 (3') (880-57969-44), T-12 (0-1') (880-57969-46) and T-12 (4') (880-57969-49). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: T-7 (4') (880-57969-31), T-8 (2') (880-57969-33), T-8 (3') (880-57969-34), T-9 (3') (880-57969-37), T-10 (3') (880-57969-40), T-12 (3') (880-57969-48) and T-13 (0-1') (880-57969-50). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-109783/2-A), (LCSD 880-109783/3-A) and (880-57969-A-31-C MS). 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 880-109839 and analytical batch 880-109920 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 880-109840 and analytical batch 880-109919 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 880-109836 and analytical batch 880-109888 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.

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-57969-1

Job ID: 880-57969-1 (Continued) Eurofins Midland

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109846 and analytical batch 880-109942 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 Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-1
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 16:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:50	05/09/25 16:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:50	05/09/25 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*05/09/25 10:50*	*05/09/25 16:05*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*05/09/25 10:50*	*05/09/25 16:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/09/25 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			05/13/25 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	<49.6	U	49.6		mg/Kg		05/09/25 10:32	05/13/25 00:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		05/09/25 10:32	05/13/25 00:58	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/09/25 10:32	05/13/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*05/09/25 10:32*	*05/13/25 00:58*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*05/09/25 10:32*	*05/13/25 00:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		10.0		mg/Kg			05/12/25 14:48	1

Client Sample ID: T-1 (2')

Lab Sample ID: 880-57969-2
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 16:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:50	05/09/25 16:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:50	05/09/25 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/09/25 10:50*	*05/09/25 16:25*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/09/25 10:50*	*05/09/25 16:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-57969-2
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 16:25	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			05/13/25 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	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 01:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 01:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*05/09/25 10:32*	*05/13/25 01:14*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*05/09/25 10:32*	*05/13/25 01:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**158**		9.96		mg/Kg			05/12/25 15:09	1

Client Sample ID: T-1 (3')

Lab Sample ID: 880-57969-3
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 16:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:50	05/09/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/09/25 10:50*	*05/09/25 16:46*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/09/25 10:50*	*05/09/25 16:46*	*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			05/09/25 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/13/25 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/13/25 01:30	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/13/25 01:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-57969-3
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:32	05/13/25 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*05/09/25 10:32*	*05/13/25 01:30*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*05/09/25 10:32*	*05/13/25 01:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**266**		9.94		mg/Kg			05/12/25 15:16	1

Client Sample ID: T-1 (4')

Lab Sample ID: 880-57969-4
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 17:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*05/09/25 10:50*	*05/09/25 17:06*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/09/25 10:50*	*05/09/25 17:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/13/25 01:46	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	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 01:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 01:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*05/09/25 10:32*	*05/13/25 01:46*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*05/09/25 10:32*	*05/13/25 01:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**126**		9.92		mg/Kg			05/12/25 15:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-57969-5
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 17:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 17:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*05/09/25 10:50*	*05/09/25 17:26*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/09/25 10:50*	*05/09/25 17:26*	*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			05/09/25 17:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/13/25 02:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*05/09/25 10:32*	*05/13/25 02:02*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*05/09/25 10:32*	*05/13/25 02:02*	*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			05/12/25 15:30	5

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57969-6
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 17:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:50	05/09/25 17:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:50	05/09/25 17:47	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:50	05/09/25 17:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:50	05/09/25 17:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:50	05/09/25 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*05/09/25 10:50*	*05/09/25 17:47*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/09/25 10:50*	*05/09/25 17:47*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57969-6
Date Collected: 05/06/25 00:00
Matrix: Solid
Date Received: 05/09/25 10:06

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			05/09/25 17:47	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			05/13/25 02:18	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		05/09/25 10:32	05/13/25 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*05/09/25 10:32*	*05/13/25 02:18*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*05/09/25 10:32*	*05/13/25 02:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2580**		50.4		mg/Kg			05/12/25 15:52	5

Client Sample ID: T-2 (3')

Lab Sample ID: 880-57969-7
Date Collected: 05/06/25 00:00
Matrix: Solid
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 18:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:50	05/09/25 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/09/25 10:50*	*05/09/25 18:07*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/09/25 10:50*	*05/09/25 18:07*	*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			05/09/25 18:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/13/25 02:35	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		05/09/25 10:32	05/13/25 02:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 02:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-57969-7
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:32	05/13/25 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*05/09/25 10:32*	*05/13/25 02:35*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*05/09/25 10:32*	*05/13/25 02:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**589**		9.94		mg/Kg			05/12/25 15:59	1

Client Sample ID: T-2 (4')

Lab Sample ID: 880-57969-8
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 18:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:50	05/09/25 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/09/25 10:50*	*05/09/25 18:28*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/09/25 10:50*	*05/09/25 18:28*	*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			05/09/25 18:28	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			05/13/25 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	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*05/09/25 10:32*	*05/13/25 02:50*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*05/09/25 10:32*	*05/13/25 02:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		9.98		mg/Kg			05/12/25 16:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-57969-9
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 18:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 18:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 18:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 18:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 18:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*05/09/25 10:50*	*05/09/25 18:48*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/09/25 10:50*	*05/09/25 18:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 18:48	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			05/13/25 03:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 03:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 03:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*05/09/25 10:32*	*05/13/25 03:07*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*05/09/25 10:32*	*05/13/25 03:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		9.90		mg/Kg			05/12/25 16:13	1

Client Sample ID: T-3 (2')

Lab Sample ID: 880-57969-10
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 19:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 19:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 19:09	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 19:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 19:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*05/09/25 10:50*	*05/09/25 19:09*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/09/25 10:50*	*05/09/25 19:09*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (2')

Lab Sample ID: 880-57969-10
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/13/25 03:23	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	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 03:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 03:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*05/09/25 10:32*	*05/13/25 03:23*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*05/09/25 10:32*	*05/13/25 03:23*	*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			05/12/25 16:20	1

Client Sample ID: T-3 (3')

Lab Sample ID: 880-57969-11
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 17:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/12/25 08:52	05/12/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/12/25 08:52*	*05/12/25 17:50*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*05/12/25 08:52*	*05/12/25 17:50*	*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			05/12/25 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/09/25 20:24	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	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 20:24	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		05/09/25 10:41	05/09/25 20:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (3')

Lab Sample ID: 880-57969-11
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:41	05/09/25 20:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*05/09/25 10:41*	*05/09/25 20:24*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*05/09/25 10:41*	*05/09/25 20:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**	**F1**	10.0		mg/Kg			05/12/25 16:27	1

Client Sample ID: T-3 (4')

Lab Sample ID: 880-57969-12
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 18:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*05/12/25 08:52*	*05/12/25 18:10*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*05/12/25 08:52*	*05/12/25 18:10*	*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			05/12/25 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/09/25 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	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:11	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:11	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*05/09/25 10:41*	*05/09/25 21:11*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*05/09/25 10:41*	*05/09/25 21:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		10.1		mg/Kg			05/12/25 16:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (0-1')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-13
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		05/12/25 08:52	05/12/25 18:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 18:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*05/12/25 08:52*	*05/12/25 18:31*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*05/12/25 08:52*	*05/12/25 18:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/12/25 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	<50.2	U	50.2		mg/Kg			05/09/25 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:26	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:26	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*05/09/25 10:41*	*05/09/25 21:26*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*05/09/25 10:41*	*05/09/25 21:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1240**		50.2		mg/Kg			05/13/25 08:56	5

Client Sample ID: T-4 (2')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-14
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		05/12/25 08:52	05/12/25 18:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 18:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 18:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*05/12/25 08:52*	*05/12/25 18:51*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/12/25 08:52*	*05/12/25 18:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (2')

Lab Sample ID: 880-57969-14
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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			05/12/25 18:51	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			05/09/25 21:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 21:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 21:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*05/09/25 10:41*	*05/09/25 21:42*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*05/09/25 10:41*	*05/09/25 21:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**825**		10.1		mg/Kg			05/12/25 17:17	1

Client Sample ID: T-4 (3')

Lab Sample ID: 880-57969-15
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 19:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*05/12/25 08:52*	*05/12/25 19:12*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*05/12/25 08:52*	*05/12/25 19:12*	*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			05/12/25 19:12	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			05/09/25 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	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/09/25 21:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/09/25 21:58	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (3')

Lab Sample ID: 880-57969-15
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:41	05/09/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*05/09/25 10:41*	*05/09/25 21:58*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*05/09/25 10:41*	*05/09/25 21:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1090**		9.94		mg/Kg			05/12/25 17:24	1

Client Sample ID: T-4 (4')

Lab Sample ID: 880-57969-16
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 19:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/25 08:52	05/12/25 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*05/12/25 08:52*	*05/12/25 19:32*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*05/12/25 08:52*	*05/12/25 19:32*	*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			05/12/25 19:32	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			05/09/25 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	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 22:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 22:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*05/09/25 10:41*	*05/09/25 22:13*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*05/09/25 10:41*	*05/09/25 22:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2810**	**F1**	49.9		mg/Kg			05/12/25 11:59	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (5')

Lab Sample ID: 880-57969-17
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 19:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 19:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 19:52	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 19:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 19:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*05/12/25 08:52*	*05/12/25 19:52*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*05/12/25 08:52*	*05/12/25 19:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/12/25 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			05/09/25 22:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/09/25 22:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/09/25 22:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/09/25 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*05/09/25 10:41*	*05/09/25 22:31*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*05/09/25 10:41*	*05/09/25 22:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		9.98		mg/Kg			05/12/25 12:22	1

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-57969-18
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 20:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 20:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 20:13	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/12/25 08:52	05/12/25 20:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 20:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/12/25 08:52	05/12/25 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*05/12/25 08:52*	*05/12/25 20:13*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*05/12/25 08:52*	*05/12/25 20:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-57969-18
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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			05/12/25 20:13	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			05/09/25 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 22:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 22:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*05/09/25 10:41*	*05/09/25 22:46*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*05/09/25 10:41*	*05/09/25 22:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		9.94		mg/Kg			05/12/25 12:30	1

Client Sample ID: T-5 (2')

Lab Sample ID: 880-57969-19
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 20:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*05/12/25 08:52*	*05/12/25 20:33*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*05/12/25 08:52*	*05/12/25 20:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/12/25 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	<50.1	U	50.1		mg/Kg			05/09/25 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	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 23:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 23:02	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (2')

Lab Sample ID: 880-57969-19
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:41	05/09/25 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*05/09/25 10:41*	*05/09/25 23:02*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*05/09/25 10:41*	*05/09/25 23:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		9.96		mg/Kg			05/12/25 12:38	1

Client Sample ID: T-5 (3')

Lab Sample ID: 880-57969-20
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 20:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/25 08:52	05/12/25 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*05/12/25 08:52*	*05/12/25 20:54*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/12/25 08:52*	*05/12/25 20:54*	*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			05/12/25 20:54	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			05/09/25 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 23:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*05/09/25 10:41*	*05/09/25 23:17*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*05/09/25 10:41*	*05/09/25 23:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		9.90		mg/Kg			05/12/25 12:46	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-57969-21
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/09/25 10:52*	*05/09/25 17:19*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*05/09/25 10:52*	*05/09/25 17:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/09/25 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	<50.5	U	50.5		mg/Kg			05/09/25 23:49	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		05/09/25 10:41	05/09/25 23:49	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		05/09/25 10:41	05/09/25 23:49	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		05/09/25 10:41	05/09/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*05/09/25 10:41*	*05/09/25 23:49*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*05/09/25 10:41*	*05/09/25 23:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		9.90		mg/Kg			05/12/25 13:09	1

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-57969-22
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/09/25 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/09/25 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*05/09/25 10:52*	*05/09/25 17:39*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/09/25 10:52*	*05/09/25 17:39*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-57969-22
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/10/25 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	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 00:04	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 00:04	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*05/09/25 10:41*	*05/10/25 00:04*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*05/09/25 10:41*	*05/10/25 00:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3330**		50.2		mg/Kg			05/12/25 13:16	5

Client Sample ID: T-6 (2')

Lab Sample ID: 880-57969-23
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 18:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*05/09/25 10:52*	*05/09/25 18:00*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*05/09/25 10:52*	*05/09/25 18:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/25 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			05/10/25 00:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 00:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 00:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (2')

Lab Sample ID: 880-57969-23
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:41	05/10/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*05/09/25 10:41*	*05/10/25 00:20*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*05/09/25 10:41*	*05/10/25 00:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5180**		49.7		mg/Kg			05/12/25 13:24	5

Client Sample ID: T-6 (3')

Lab Sample ID: 880-57969-24
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 18:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/09/25 10:52*	*05/09/25 18:21*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*05/09/25 10:52*	*05/09/25 18:21*	*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			05/09/25 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/10/25 00:36	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		05/09/25 10:41	05/10/25 00:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 00:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*05/09/25 10:41*	*05/10/25 00:36*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*05/09/25 10:41*	*05/10/25 00:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5800**		99.8		mg/Kg			05/12/25 13:32	10

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (4')

Lab Sample ID: 880-57969-25
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 18:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 18:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*05/09/25 10:52*	*05/09/25 18:41*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*05/09/25 10:52*	*05/09/25 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			05/09/25 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	<49.9	U	49.9		mg/Kg			05/10/25 00:52	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		05/09/25 10:41	05/10/25 00:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 00:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*05/09/25 10:41*	*05/10/25 00:52*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*05/09/25 10:41*	*05/10/25 00:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5610**		100		mg/Kg			05/12/25 13:40	10

Client Sample ID: T-6 (5')

Lab Sample ID: 880-57969-26
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 19:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 19:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 19:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:52	05/09/25 19:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 19:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:52	05/09/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*05/09/25 10:52*	*05/09/25 19:02*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/09/25 10:52*	*05/09/25 19:02*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (5')

Lab Sample ID: 880-57969-26
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/10/25 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 01:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 01:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*05/09/25 10:41*	*05/10/25 01:07*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*05/09/25 10:41*	*05/10/25 01:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**630**		9.90		mg/Kg			05/12/25 13:48	1

Client Sample ID: T-6 (6')

Lab Sample ID: 880-57969-27
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 19:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/09/25 10:52*	*05/09/25 19:22*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/09/25 10:52*	*05/09/25 19:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/25 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	<50.2	U	50.2		mg/Kg			05/10/25 01:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/10/25 01:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/10/25 01:24	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (6')

Lab Sample ID: 880-57969-27
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:41	05/10/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*05/09/25 10:41*	*05/10/25 01:24*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*05/09/25 10:41*	*05/10/25 01:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		9.98		mg/Kg			05/12/25 14:11	1

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-57969-28
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 19:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:52	05/09/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*05/09/25 10:52*	*05/09/25 19:43*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/09/25 10:52*	*05/09/25 19:43*	*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			05/09/25 19:43	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			05/10/25 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 01:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 01:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*05/09/25 10:41*	*05/10/25 01:39*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*05/09/25 10:41*	*05/10/25 01:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**111**		9.96		mg/Kg			05/12/25 14:19	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (2')

Lab Sample ID: 880-57969-29
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 20:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 20:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/09/25 10:52*	*05/09/25 20:03*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*05/09/25 10:52*	*05/09/25 20:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 20:03	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			05/10/25 01:54	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		05/09/25 10:41	05/10/25 01:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/10/25 01:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/10/25 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*05/09/25 10:41*	*05/10/25 01:54*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*05/09/25 10:41*	*05/10/25 01:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		10.0		mg/Kg			05/12/25 14:42	1

Client Sample ID: T-7 (3')

Lab Sample ID: 880-57969-30
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 20:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 20:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*05/09/25 10:52*	*05/09/25 20:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/09/25 10:52*	*05/09/25 20:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (3')

Lab Sample ID: 880-57969-30
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/10/25 02:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 02:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 02:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*05/09/25 10:41*	*05/10/25 02:10*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*05/09/25 10:41*	*05/10/25 02:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**135**		10.1		mg/Kg			05/12/25 14:50	1

Client Sample ID: T-7 (4')

Lab Sample ID: 880-57969-31
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 21:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/09/25 10:52*	*05/09/25 21:27*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/09/25 10:52*	*05/09/25 21:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/09/25 21:27	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			05/12/25 21:30	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 F1	50.0		mg/Kg		05/09/25 10:59	05/12/25 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		05/09/25 10:59	05/12/25 21:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (4')

Lab Sample ID: 880-57969-31
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/12/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/12/25 21:30*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*05/09/25 10:59*	*05/12/25 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		9.94		mg/Kg			05/12/25 14:57	1

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-57969-32
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 21:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/09/25 10:52*	*05/09/25 21:47*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/09/25 10:52*	*05/09/25 21:47*	*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			05/09/25 21:47	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			05/12/25 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*145*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/12/25 22:18*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/12/25 22:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1320**		9.98		mg/Kg			05/12/25 15:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-8 (2')

Lab Sample ID: 880-57969-33
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 22:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 22:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 22:08	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:52	05/09/25 22:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 22:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:52	05/09/25 22:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/09/25 10:52*	*05/09/25 22:08*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/09/25 10:52*	*05/09/25 22:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/25 22:08	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			05/12/25 22:35	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	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/12/25 22:35*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*05/09/25 10:59*	*05/12/25 22:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		9.96		mg/Kg			05/12/25 15:13	1

Client Sample ID: T-8 (3')

Lab Sample ID: 880-57969-34
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 22:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 22:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*70 - 130*	*05/09/25 10:52*	*05/09/25 22:28*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*05/09/25 10:52*	*05/09/25 22:28*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-8 (3')

Lab Sample ID: 880-57969-34
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 22:28	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			05/12/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/12/25 22:51*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*05/09/25 10:59*	*05/12/25 22:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		10.0		mg/Kg			05/12/25 15:21	1

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-57969-35
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 22:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/09/25 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/09/25 10:52*	*05/09/25 22:49*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/09/25 10:52*	*05/09/25 22:49*	*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			05/09/25 22:49	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			05/12/25 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 23:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 23:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-57969-35
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/12/25 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*05/09/25 10:59*	*05/12/25 23:08*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*05/09/25 10:59*	*05/12/25 23:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		10.1		mg/Kg			05/12/25 15:28	1

Client Sample ID: T-9 (2')

Lab Sample ID: 880-57969-36
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 23:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/09/25 10:52*	*05/09/25 23:10*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*05/09/25 10:52*	*05/09/25 23:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/25 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	<50.0	U	50.0		mg/Kg			05/12/25 23:23	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		05/09/25 10:59	05/12/25 23:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*05/09/25 10:59*	*05/12/25 23:23*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*05/09/25 10:59*	*05/12/25 23:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		10.1		mg/Kg			05/12/25 13:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-9 (3')

Lab Sample ID: 880-57969-37
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 23:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 23:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 23:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 23:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 23:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/09/25 10:52*	*05/09/25 23:30*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/09/25 10:52*	*05/09/25 23:30*	*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			05/09/25 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	<49.8	U	49.8		mg/Kg			05/12/25 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/12/25 23:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/12/25 23:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/12/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/12/25 23:39*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*05/09/25 10:59*	*05/12/25 23:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**147**		10.1		mg/Kg			05/12/25 13:19	1

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-57969-38
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 23:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 23:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 23:51	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:52	05/09/25 23:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 23:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:52	05/09/25 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*05/09/25 10:52*	*05/09/25 23:51*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/09/25 10:52*	*05/09/25 23:51*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-57969-38
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 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			05/12/25 23:55	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	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*05/09/25 10:59*	*05/12/25 23:55*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*05/09/25 10:59*	*05/12/25 23:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.7**		10.1		mg/Kg			05/12/25 13:25	1

Client Sample ID: T-10 (2')

Lab Sample ID: 880-57969-39
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/10/25 00:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/10/25 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*05/09/25 10:52*	*05/10/25 00:11*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/09/25 10:52*	*05/10/25 00:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/10/25 00:11	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			05/13/25 00:11	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		05/09/25 10:59	05/13/25 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-10 (2')

Lab Sample ID: 880-57969-39
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/13/25 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*146*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 00:11*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 00:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		10.1		mg/Kg			05/12/25 13:30	1

Client Sample ID: T-10 (3')

Lab Sample ID: 880-57969-40
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/10/25 00:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/10/25 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*05/09/25 10:52*	*05/10/25 00:32*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*05/09/25 10:52*	*05/10/25 00:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/10/25 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	<50.0	U	50.0		mg/Kg			05/13/25 00:27	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		05/09/25 10:59	05/13/25 00:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 00:27*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*05/09/25 10:59*	*05/13/25 00:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		9.98		mg/Kg			05/12/25 13:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-10 (4')

Lab Sample ID: 880-57969-41
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 00:32	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:32	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:32	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 00:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*05/09/25 10:53*	*05/13/25 00:32*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/09/25 10:53*	*05/13/25 00:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/13/25 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	<50.0	U	50.0		mg/Kg			05/13/25 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		05/09/25 10:59	05/13/25 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*05/09/25 10:59*	*05/13/25 00:58*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*05/09/25 10:59*	*05/13/25 00:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		9.98		mg/Kg			05/12/25 13:51	1

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-57969-42
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:53	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*05/09/25 10:53*	*05/13/25 00:53*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*05/09/25 10:53*	*05/13/25 00:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-57969-42
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			05/13/25 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			05/13/25 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	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 01:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 01:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*05/09/25 10:59*	*05/13/25 01:14*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*05/09/25 10:59*	*05/13/25 01:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2760**		49.6		mg/Kg			05/12/25 13:56	5

Client Sample ID: T-11 (2')

Lab Sample ID: 880-57969-43
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 01:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*05/09/25 10:53*	*05/13/25 01:13*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*05/09/25 10:53*	*05/13/25 01:13*	*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			05/13/25 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	<49.9	U	49.9		mg/Kg			05/13/25 01:30	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		05/09/25 10:59	05/13/25 01:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 01:30	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-11 (2')

Lab Sample ID: 880-57969-43

Date Collected: 05/07/25 00:00
Matrix: Solid
Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/13/25 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*05/09/25 10:59*	*05/13/25 01:30*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*05/09/25 10:59*	*05/13/25 01:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3160**		50.2		mg/Kg			05/12/25 14:01	5

Client Sample ID: T-11 (3')

Lab Sample ID: 880-57969-44

Date Collected: 05/07/25 00:00
Matrix: Solid
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 01:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*05/09/25 10:53*	*05/13/25 01:34*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*05/09/25 10:53*	*05/13/25 01:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/13/25 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	<49.8	U	49.8		mg/Kg			05/13/25 01:46	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		05/09/25 10:59	05/13/25 01:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 01:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*150*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 01:46*	*1*
o-Terphenyl (Surr)	*139*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 01:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2170**		50.5		mg/Kg			05/12/25 14:06	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-11 (4')

Lab Sample ID: 880-57969-45
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 01:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 01:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*05/09/25 10:53*	*05/13/25 01:54*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*05/09/25 10:53*	*05/13/25 01:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/13/25 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	<49.8	U	49.8		mg/Kg			05/13/25 02:02	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		05/09/25 10:59	05/13/25 02:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*130*		*70 - 130*	*05/09/25 10:59*	*05/13/25 02:02*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*05/09/25 10:59*	*05/13/25 02:02*	*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			05/12/25 14:11	1

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-57969-46
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 02:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 02:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 02:15	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:53	05/13/25 02:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 02:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:53	05/13/25 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*05/09/25 10:53*	*05/13/25 02:15*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*05/09/25 10:53*	*05/13/25 02:15*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-57969-46
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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			05/13/25 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			05/13/25 02:18	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		05/09/25 10:59	05/13/25 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*144*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 02:18*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 02:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**	**F1**	9.98		mg/Kg			05/12/25 14:17	1

Client Sample ID: T-12 (2')

Lab Sample ID: 880-57969-47
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 02:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*05/09/25 10:53*	*05/13/25 02:35*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*05/09/25 10:53*	*05/13/25 02:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/13/25 02:35	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			05/13/25 02:35	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	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-12 (2')

Lab Sample ID: 880-57969-47
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/13/25 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*05/09/25 10:59*	*05/13/25 02:35*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*05/09/25 10:59*	*05/13/25 02:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		9.98		mg/Kg			05/12/25 14:32	1

Client Sample ID: T-12 (3')

Lab Sample ID: 880-57969-48
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 02:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:53	05/13/25 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*05/09/25 10:53*	*05/13/25 02:56*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*05/09/25 10:53*	*05/13/25 02:56*	*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			05/13/25 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	<49.8	U	49.8		mg/Kg			05/13/25 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	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 02:50*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*05/09/25 10:59*	*05/13/25 02:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		10.1		mg/Kg			05/12/25 14:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-12 (4')

Lab Sample ID: 880-57969-49
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 03:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 03:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*174*	*S1+*	*70 - 130*	*05/09/25 10:53*	*05/13/25 03:16*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*05/09/25 10:53*	*05/13/25 03:16*	*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			05/13/25 03:16	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			05/13/25 03:07	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	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 03:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 03:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*150*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 03:07*	*1*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 03:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**215**		9.94		mg/Kg			05/12/25 14:53	1

Client Sample ID: T-13 (0-1')

Lab Sample ID: 880-57969-50
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 03:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 03:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*05/09/25 10:53*	*05/13/25 03:37*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*05/09/25 10:53*	*05/13/25 03:37*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-13 (0-1')

Lab Sample ID: 880-57969-50
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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			05/13/25 03:37	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			05/13/25 03:23	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		05/09/25 10:59	05/13/25 03:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 03:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*136*	*S1+*	*70 - 130*	*05/09/25 10:59*	*05/13/25 03:23*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*05/09/25 10:59*	*05/13/25 03:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**740**		9.92		mg/Kg			05/12/25 14:58	1

Client Sample ID: T-13 (2')

Lab Sample ID: 880-57969-51
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 05:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*05/09/25 10:53*	*05/13/25 05:27*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/09/25 10:53*	*05/13/25 05:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/13/25 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	<50.0	U	50.0		mg/Kg			05/10/25 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 F1	50.0		mg/Kg		05/09/25 11:00	05/10/25 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		05/09/25 11:00	05/10/25 18:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-13 (2')

Lab Sample ID: 880-57969-51
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*158*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 18:32*	*1*
o-Terphenyl (Surr)	*144*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 18:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**857**		9.94		mg/Kg			05/13/25 12:07	1

Client Sample ID: T-13 (3')

Lab Sample ID: 880-57969-52
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 05:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*05/09/25 10:53*	*05/13/25 05:47*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*05/09/25 10:53*	*05/13/25 05:47*	*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			05/13/25 05:47	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			05/10/25 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	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*149*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 19:16*	*1*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 19:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		9.98		mg/Kg			05/13/25 12:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-14 (0-1')

Lab Sample ID: 880-57969-53
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 06:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 06:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 06:08	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:53	05/13/25 06:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 06:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:53	05/13/25 06:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/09/25 10:53*	*05/13/25 06:08*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*05/09/25 10:53*	*05/13/25 06:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/13/25 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	<50.0	U	50.0		mg/Kg			05/10/25 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*155*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 19:31*	*1*
o-Terphenyl (Surr)	*140*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 19:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.0**		9.94		mg/Kg			05/13/25 12:35	1

Client Sample ID: T-14 (2')

Lab Sample ID: 880-57969-54
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 06:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 06:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*05/09/25 10:53*	*05/13/25 06:28*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*05/09/25 10:53*	*05/13/25 06:28*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-14 (2')

Lab Sample ID: 880-57969-54
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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			05/13/25 06:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/10/25 19:46	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		05/09/25 11:00	05/10/25 19:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 19:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*151*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 19:46*	*1*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 19:46*	*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			05/13/25 12:42	1

Client Sample ID: T-14 (3')

Lab Sample ID: 880-57969-55
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 06:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*05/09/25 10:53*	*05/13/25 06:48*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*05/09/25 10:53*	*05/13/25 06:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/13/25 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	<49.8	U	49.8		mg/Kg			05/10/25 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		05/09/25 11:00	05/10/25 20:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 20:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-14 (3')

Lab Sample ID: 880-57969-55
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*153*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 20:01*	*1*
o-Terphenyl (Surr)	*140*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 20:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		9.94		mg/Kg			05/13/25 12:49	1

Client Sample ID: T-15 (0-1')

Lab Sample ID: 880-57969-56
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 07:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*257*	*S1+*	*70 - 130*	*05/09/25 10:53*	*05/13/25 07:09*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/09/25 10:53*	*05/13/25 07:09*	*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			05/13/25 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	<49.9	U	49.9		mg/Kg			05/10/25 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 20:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 20:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*154*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 20:16*	*1*
o-Terphenyl (Surr)	*139*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 20:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**674**		9.92		mg/Kg			05/13/25 13:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-15 (2')

Lab Sample ID: 880-57969-57
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 07:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 07:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 07:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 07:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 07:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*05/09/25 10:53*	*05/13/25 07:29*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*05/09/25 10:53*	*05/13/25 07:29*	*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			05/13/25 07:29	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			05/10/25 20:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 20:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 20:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*153*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 20:31*	*1*
o-Terphenyl (Surr)	*140*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 20:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4710**		50.0		mg/Kg			05/13/25 13:18	5

Client Sample ID: T-15 (3')

Lab Sample ID: 880-57969-58
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 07:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 07:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 07:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:53	05/13/25 07:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 07:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:53	05/13/25 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*05/09/25 10:53*	*05/13/25 07:50*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*05/09/25 10:53*	*05/13/25 07:50*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-15 (3')

Lab Sample ID: 880-57969-58
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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			05/13/25 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	<50.0	U	50.0		mg/Kg			05/10/25 20:45	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		05/09/25 11:00	05/10/25 20:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 20:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*149*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 20:45*	*1*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 20:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**319**		10.1		mg/Kg			05/13/25 14:57	1

Client Sample ID: T-15 (4')

Lab Sample ID: 880-57969-59
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 08:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 08:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*264*	*S1+*	*70 - 130*	*05/09/25 10:53*	*05/13/25 08:10*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*05/09/25 10:53*	*05/13/25 08:10*	*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			05/13/25 08:10	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			05/10/25 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	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-15 (4')

Lab Sample ID: 880-57969-59
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*146*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 21:00*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 21:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		10.1		mg/Kg			05/13/25 13:32	1

Client Sample ID: T-16 (0-1')

Lab Sample ID: 880-57969-60
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 08:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*05/09/25 10:53*	*05/13/25 08:31*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*05/09/25 10:53*	*05/13/25 08:31*	*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			05/13/25 08:31	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			05/10/25 21:14	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		05/09/25 11:00	05/10/25 21:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 21:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*142*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 21:14*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 21:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3880**		49.8		mg/Kg			05/13/25 13:39	5

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-16 (2')

Lab Sample ID: 880-57969-61
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 20:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:56	05/09/25 20:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:56	05/09/25 20:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:56	05/09/25 20:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:56	05/09/25 20:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:56	05/09/25 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*05/09/25 10:56*	*05/09/25 20:02*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*05/09/25 10:56*	*05/09/25 20:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/09/25 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	<50.0	U	50.0		mg/Kg			05/10/25 21:44	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		05/09/25 11:00	05/10/25 21:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*144*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 21:44*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 21:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3710**	**F1**	49.5		mg/Kg			05/13/25 13:46	5

Client Sample ID: T-16 (3')

Lab Sample ID: 880-57969-62
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 20:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 20:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 20:23	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 20:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 20:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*05/09/25 10:56*	*05/09/25 20:23*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*05/09/25 10:56*	*05/09/25 20:23*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-16 (3')

Lab Sample ID: 880-57969-62
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 20:23	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			05/10/25 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		05/09/25 11:00	05/10/25 21:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*143*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 21:58*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 21:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**471**		9.90		mg/Kg			05/13/25 14:07	1

Client Sample ID: T-16 (4')

Lab Sample ID: 880-57969-63
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 20:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:56	05/09/25 20:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*05/09/25 10:56*	*05/09/25 20:43*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*05/09/25 10:56*	*05/09/25 20:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/25 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	<49.8	U	49.8		mg/Kg			05/10/25 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-16 (4')

Lab Sample ID: 880-57969-63
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*147*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 22:14*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 22:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**217**		10.0		mg/Kg			05/13/25 14:14	1

Client Sample ID: T-17 (0-1')

Lab Sample ID: 880-57969-64
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 21:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*05/09/25 10:56*	*05/09/25 21:03*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*05/09/25 10:56*	*05/09/25 21:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 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	<49.7	U	49.7		mg/Kg			05/10/25 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		05/09/25 11:00	05/10/25 22:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 22:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*148*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 22:28*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 22:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**396**		9.96		mg/Kg			05/13/25 14:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (2')

Lab Sample ID: 880-57969-65
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 21:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 21:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*05/09/25 10:56*	*05/09/25 21:24*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*05/09/25 10:56*	*05/09/25 21:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 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			05/10/25 22:44	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		05/09/25 11:00	05/10/25 22:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*149*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 22:44*	*1*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 22:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2560**		49.9		mg/Kg			05/13/25 14:43	5

Client Sample ID: T-17 (3')

Lab Sample ID: 880-57969-66
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 23:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:14	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		05/09/25 10:56	05/09/25 23:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/09/25 10:56	05/09/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/09/25 10:56*	*05/09/25 23:14*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*05/09/25 10:56*	*05/09/25 23:14*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (3')

Lab Sample ID: 880-57969-66
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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			05/09/25 23:14	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			05/10/25 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	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 22:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 22:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*147*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 22:58*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 22:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**422**		10.0		mg/Kg			05/13/25 14:50	1

Client Sample ID: T-17 (4')

Lab Sample ID: 880-57969-67
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 23:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*05/09/25 10:56*	*05/09/25 23:34*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*05/09/25 10:56*	*05/09/25 23:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/25 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			05/10/25 23:14	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		05/09/25 11:00	05/10/25 23:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 23:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (4')

Lab Sample ID: 880-57969-67
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*147*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 23:14*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 23:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**444**		10.0		mg/Kg			05/12/25 21:58	1

Client Sample ID: T-17 (5')

Lab Sample ID: 880-57969-68
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 23:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:55	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:56	05/09/25 23:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:56	05/09/25 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*05/09/25 10:56*	*05/09/25 23:55*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*05/09/25 10:56*	*05/09/25 23:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/25 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	<49.8	U	49.8		mg/Kg			05/10/25 23:28	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		05/09/25 11:00	05/10/25 23:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 23:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*150*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 23:28*	*1*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*	*05/09/25 11:00*	*05/10/25 23:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**228**		10.1		mg/Kg			05/12/25 22:13	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
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)										
880-57968-A-11-C MS	Matrix Spike	104	100										
880-57968-A-11-D MSD	Matrix Spike Duplicate	113	110										
880-57969-1	T-1 (0-1')	107	105										
880-57969-1 MS	T-1 (0-1')	99	107										
880-57969-1 MSD	T-1 (0-1')	101	107										
880-57969-2	T-1 (2')	96	100										
880-57969-3	T-1 (3')	105	95										
880-57969-4	T-1 (4')	103	98										
880-57969-5	T-2 (0-1')	98	102										
880-57969-6	T-2 (2')	102	97										
880-57969-7	T-2 (3')	99	103										
880-57969-8	T-2 (4')	99	102										
880-57969-9	T-3 (0-1')	98	100										
880-57969-10	T-3 (2')	102	96										
880-57969-11	T-3 (3')	99	101										
880-57969-12	T-3 (4')	126	113										
880-57969-13	T-4 (0-1')	142 S1+	115										
880-57969-14	T-4 (2')	124	102										
880-57969-15	T-4 (3')	133 S1+	122										
880-57969-16	T-4 (4')	127	114										
880-57969-17	T-4 (5')	141 S1+	120										
880-57969-18	T-5 (0-1')	131 S1+	114										
880-57969-19	T-5 (2')	134 S1+	122										
880-57969-20	T-5 (3')	122	102										
880-57969-21	T-5 (4')	94	83										
880-57969-21 MS	T-5 (4')	110	94										
880-57969-21 MSD	T-5 (4')	96	103										
880-57969-22	T-6 (0-1')	89	99										
880-57969-23	T-6 (2')	101	88										
880-57969-24	T-6 (3')	94	77										
880-57969-25	T-6 (4')	106	89										
880-57969-26	T-6 (5')	89	94										
880-57969-27	T-6 (6')	92	97										
880-57969-28	T-7 (0-1')	80	92										
880-57969-29	T-7 (2')	96	83										
880-57969-30	T-7 (3')	87	94										
880-57969-31	T-7 (4')	92	100										
880-57969-32	T-8 (0-1')	95	98										
880-57969-33	T-8 (2')	94	95										
880-57969-34	T-8 (3')	74	85										
880-57969-35	T-9 (0-1')	92	96										
880-57969-36	T-9 (2')	95	86										
880-57969-37	T-9 (3')	94	92										
880-57969-38	T-10 (0-1')	87	99										
880-57969-39	T-10 (2')	100	100										
880-57969-40	T-10 (3')	102	68 S1-										
880-57969-41	T-10 (4')	101	98										
880-57969-41 MS	T-10 (4')	111	123										
880-57969-41 MSD	T-10 (4')	105	100										

Surrogate Summary

Client: Carmona Resources
Job ID: 880-57969-1
Project/Site: NGL Paduca Booster
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)
880-57969-42	T-11 (0-1')	120	115
880-57969-43	T-11 (2')	116	110
880-57969-44	T-11 (3')	124	118
880-57969-45	T-11 (4')	129	112
880-57969-46	T-12 (0-1')	128	115
880-57969-47	T-12 (2')	125	108
880-57969-48	T-12 (3')	137 S1+	113
880-57969-49	T-12 (4')	174 S1+	105
880-57969-50	T-13 (0-1')	122	106
880-57969-51	T-13 (2')	99	103
880-57969-52	T-13 (3')	117	109
880-57969-53	T-14 (0-1')	112	113
880-57969-54	T-14 (2')	131 S1+	106
880-57969-55	T-14 (3')	125	117
880-57969-56	T-15 (0-1')	257 S1+	99
880-57969-57	T-15 (2')	122	106
880-57969-58	T-15 (3')	123	110
880-57969-59	T-15 (4')	264 S1+	121
880-57969-60	T-16 (0-1')	120	110
880-57969-61	T-16 (2')	129	115
880-57969-62	T-16 (3')	126	109
880-57969-63	T-16 (4')	116	108
880-57969-64	T-17 (0-1')	125	107
880-57969-65	T-17 (2')	131 S1+	112
880-57969-66	T-17 (3')	112	115
880-57969-67	T-17 (4')	126	119
880-57969-68	T-17 (5')	132 S1+	111
LCS 880-109779/1-A	Lab Control Sample	103	106
LCS 880-109780/1-A	Lab Control Sample	110	107
LCS 880-109781/1-A	Lab Control Sample	102	99
LCS 880-109782/1-A	Lab Control Sample	107	100
LCS 880-109922/1-A	Lab Control Sample	101	103
LCSD 880-109779/2-A	Lab Control Sample Dup	100	107
LCSD 880-109780/2-A	Lab Control Sample Dup	101	94
LCSD 880-109781/2-A	Lab Control Sample Dup	110	100
LCSD 880-109782/2-A	Lab Control Sample Dup	103	113
LCSD 880-109922/2-A	Lab Control Sample Dup	111	101
MB 880-109779/5-A	Method Blank	94	97
MB 880-109780/5-A	Method Blank	82	90
MB 880-109781/5-A	Method Blank	162 S1+	101
MB 880-109782/5-A	Method Blank	154 S1+	100
MB 880-109922/5-A	Method Blank	164 S1+	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
Job ID: 880-57969-1
Project/Site: NGL Paduca Booster
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)								
880-57968-A-6-B MS	Matrix Spike	97	104								
880-57968-A-6-C MSD	Matrix Spike Duplicate	98	105								
880-57969-1	T-1 (0-1')	102	99								
880-57969-2	T-1 (2')	112	110								
880-57969-3	T-1 (3')	107	108								
880-57969-4	T-1 (4')	107	105								
880-57969-5	T-2 (0-1')	106	105								
880-57969-6	T-2 (2')	99	99								
880-57969-7	T-2 (3')	111	111								
880-57969-8	T-2 (4')	100	101								
880-57969-9	T-3 (0-1')	98	98								
880-57969-10	T-3 (2')	98	99								
880-57969-11	T-3 (3')	119	115								
880-57969-11 MS	T-3 (3')	111	116								
880-57969-11 MSD	T-3 (3')	134 S1+	115								
880-57969-12	T-3 (4')	119	110								
880-57969-13	T-4 (0-1')	117	107								
880-57969-14	T-4 (2')	117	108								
880-57969-15	T-4 (3')	120	110								
880-57969-16	T-4 (4')	120	110								
880-57969-17	T-4 (5')	117	108								
880-57969-18	T-5 (0-1')	115	106								
880-57969-19	T-5 (2')	114	104								
880-57969-20	T-5 (3')	116	106								
880-57969-21	T-5 (4')	115	105								
880-57969-22	T-6 (0-1')	114	105								
880-57969-23	T-6 (2')	113	105								
880-57969-24	T-6 (3')	115	105								
880-57969-25	T-6 (4')	115	107								
880-57969-26	T-6 (5')	118	108								
880-57969-27	T-6 (6')	115	106								
880-57969-28	T-7 (0-1')	111	101								
880-57969-29	T-7 (2')	112	102								
880-57969-30	T-7 (3')	109	99								
880-57969-31	T-7 (4')	139 S1+	126								
880-57969-31 MS	T-7 (4')	150 S1+	124								
880-57969-31 MSD	T-7 (4')	121	121								
880-57969-32	T-8 (0-1')	145 S1+	133 S1+								
880-57969-33	T-8 (2')	132 S1+	122								
880-57969-34	T-8 (3')	139 S1+	128								
880-57969-35	T-9 (0-1')	122	111								
880-57969-36	T-9 (2')	124	113								
880-57969-37	T-9 (3')	133 S1+	122								
880-57969-38	T-10 (0-1')	122	110								
880-57969-39	T-10 (2')	146 S1+	131 S1+								
880-57969-40	T-10 (3')	137 S1+	122								
880-57969-41	T-10 (4')	121	109								
880-57969-42	T-11 (0-1')	123	113								
880-57969-43	T-11 (2')	83	76								
880-57969-44	T-11 (3')	150 S1+	139 S1+								

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
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)
880-57969-45	T-11 (4')	130	121
880-57969-46	T-12 (0-1')	144 S1+	133 S1+
880-57969-47	T-12 (2')	122	113
880-57969-48	T-12 (3')	133 S1+	122
880-57969-49	T-12 (4')	150 S1+	137 S1+
880-57969-50	T-13 (0-1')	136 S1+	125
880-57969-51	T-13 (2')	158 S1+	144 S1+
880-57969-51 MS	T-13 (2')	162 S1+	145 S1+
880-57969-51 MSD	T-13 (2')	165 S1+	146 S1+
880-57969-52	T-13 (3')	149 S1+	136 S1+
880-57969-53	T-14 (0-1')	155 S1+	140 S1+
880-57969-54	T-14 (2')	151 S1+	137 S1+
880-57969-55	T-14 (3')	153 S1+	140 S1+
880-57969-56	T-15 (0-1')	154 S1+	139 S1+
880-57969-57	T-15 (2')	153 S1+	140 S1+
880-57969-58	T-15 (3')	149 S1+	137 S1+
880-57969-59	T-15 (4')	146 S1+	135 S1+
880-57969-60	T-16 (0-1')	142 S1+	131 S1+
880-57969-61	T-16 (2')	144 S1+	132 S1+
880-57969-62	T-16 (3')	143 S1+	132 S1+
880-57969-63	T-16 (4')	147 S1+	134 S1+
880-57969-64	T-17 (0-1')	148 S1+	133 S1+
880-57969-65	T-17 (2')	149 S1+	136 S1+
880-57969-66	T-17 (3')	147 S1+	134 S1+
880-57969-67	T-17 (4')	147 S1+	135 S1+
880-57969-68	T-17 (5')	150 S1+	136 S1+
LCS 880-109775/2-A	Lab Control Sample	124	123
LCS 880-109777/2-A	Lab Control Sample	120	120
LCS 880-109783/2-A	Lab Control Sample	133 S1+	129
LCS 880-109784/2-A	Lab Control Sample	163 S1+	137 S1+
LCSD 880-109775/3-A	Lab Control Sample Dup	122	125
LCSD 880-109777/3-A	Lab Control Sample Dup	119	118
LCSD 880-109783/3-A	Lab Control Sample Dup	136 S1+	132 S1+
LCSD 880-109784/3-A	Lab Control Sample Dup	169 S1+	142 S1+
MB 880-109775/1-A	Method Blank	105	100
MB 880-109777/1-A	Method Blank	100	91
MB 880-109783/1-A	Method Blank	127	114
MB 880-109784/1-A	Method Blank	154 S1+	138 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-109779/5-A
Matrix: Solid
Analysis Batch: 109816

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:50	05/09/25 15:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*05/09/25 10:50*	*05/09/25 15:43*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/09/25 10:50*	*05/09/25 15:43*	*1*

Lab Sample ID: LCS 880-109779/1-A
Matrix: Solid
Analysis Batch: 109816

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09505		mg/Kg		95	70 - 130
Toluene	0.100	0.08700		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09073		mg/Kg		91	70 - 130
m,p-Xylenes	0.200	0.1915		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09611		mg/Kg		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-109779/2-A
Matrix: Solid
Analysis Batch: 109816

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109779

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08823		mg/Kg		88	70 - 130	7	35
Toluene	0.100	0.08580		mg/Kg		86	70 - 130	1	35
Ethylbenzene	0.100	0.08765		mg/Kg		88	70 - 130	3	35
m,p-Xylenes	0.200	0.1800		mg/Kg		90	70 - 130	6	35
o-Xylene	0.100	0.09044		mg/Kg		90	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-57969-1 MS
Matrix: Solid
Analysis Batch: 109816

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 109779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08361		mg/Kg		84	70 - 130
Toluene	<0.00200	U	0.100	0.07828		mg/Kg		78	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-1 MS — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109816 — **Prep Batch: 109779**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07672		mg/Kg		77	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1615		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U	0.100	0.08178		mg/Kg		82	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-57969-1 MSD — **Client Sample ID: T-1 (0-1')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109816 — **Prep Batch: 109779**

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	0.08151		mg/Kg		82	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.07962		mg/Kg		80	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08170		mg/Kg		82	70 - 130	6	35
m,p-Xylenes	<0.00400	U	0.200	0.1659		mg/Kg		83	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08415		mg/Kg		84	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 880-109780/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109841 — **Prep Batch: 109780**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 16:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*05/09/25 10:52*	*05/09/25 16:00*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/09/25 10:52*	*05/09/25 16:00*	*1*

Lab Sample ID: LCS 880-109780/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109841 — **Prep Batch: 109780**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08241		mg/Kg		82	70 - 130
Toluene	0.100	0.07771		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.08877		mg/Kg		89	70 - 130
m,p-Xylenes	0.200	0.2014		mg/Kg		101	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109780/1-A
Matrix: Solid
Analysis Batch: 109841

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109780

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09288		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-109780/2-A
Matrix: Solid
Analysis Batch: 109841

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109780

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07757		mg/Kg		78	70 - 130	6	35
Toluene			0.100	0.08341		mg/Kg		83	70 - 130	7	35
Ethylbenzene			0.100	0.1025		mg/Kg		102	70 - 130	14	35
m,p-Xylenes			0.200	0.1903		mg/Kg		95	70 - 130	6	35
o-Xylene			0.100	0.08792		mg/Kg		88	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-57969-21 MS
Matrix: Solid
Analysis Batch: 109841

Client Sample ID: T-5 (4')
Prep Type: Total/NA
Prep Batch: 109780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.07163		mg/Kg		72	70 - 130
Toluene	<0.00200	U	0.100	0.07671		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09478		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1724		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.100	0.08019		mg/Kg		80	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-57969-21 MSD
Matrix: Solid
Analysis Batch: 109841

Client Sample ID: T-5 (4')
Prep Type: Total/NA
Prep Batch: 109780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06458	F1	mg/Kg		65	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.07103		mg/Kg		71	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.08548		mg/Kg		85	70 - 130	10	35
m,p-Xylenes	<0.00400	U	0.200	0.1619		mg/Kg		81	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.07563		mg/Kg		76	70 - 130	6	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-21 MSD
Matrix: Solid
Analysis Batch: 109841

Client Sample ID: T-5 (4')
Prep Type: Total/NA
Prep Batch: 109780

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-109781/5-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109781

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:04	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 00:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 00:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	05/09/25 10:53	05/13/25 00:04	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/09/25 10:53	05/13/25 00:04	1

Lab Sample ID: LCS 880-109781/1-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109781

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09601		mg/Kg		96	70 - 130		
Toluene			0.100	0.07892		mg/Kg		79	70 - 130		
Ethylbenzene			0.100	0.08409		mg/Kg		84	70 - 130		
m,p-Xylenes			0.200	0.1874		mg/Kg		94	70 - 130		
o-Xylene			0.100	0.09775		mg/Kg		98	70 - 130		

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

Lab Sample ID: LCSD 880-109781/2-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109781

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09886		mg/Kg		99	70 - 130	3	35
Toluene			0.100	0.08203		mg/Kg		82	70 - 130	4	35
Ethylbenzene			0.100	0.08983		mg/Kg		90	70 - 130	7	35
m,p-Xylenes			0.200	0.2100		mg/Kg		105	70 - 130	11	35
o-Xylene			0.100	0.1086		mg/Kg		109	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-109781/2-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109781

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

Lab Sample ID: 880-57969-41 MS
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: T-10 (4')
Prep Type: Total/NA
Prep Batch: 109781

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08159		mg/Kg		82	70 - 130
Toluene	<0.00200	U F1	0.100	0.04858	F1	mg/Kg		49	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.05821	F1	mg/Kg		58	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1462		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.100	0.08657		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-57969-41 MSD
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: T-10 (4')
Prep Type: Total/NA
Prep Batch: 109781

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	0.07763		mg/Kg		78	70 - 130	5	35
Toluene	<0.00200	U F1	0.100	0.05628	F1	mg/Kg		56	70 - 130	15	35
Ethylbenzene	<0.00200	U F1	0.100	0.05452	F1	mg/Kg		55	70 - 130	7	35
m,p-Xylenes	<0.00400	U	0.200	0.1452		mg/Kg		73	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08483		mg/Kg		85	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-109782/5-A
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 17:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	05/09/25 10:56	05/09/25 17:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/09/25 10:56	05/09/25 17:51	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109782/1-A
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109782

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1001		mg/Kg		100	70 - 130		
Toluene			0.100	0.08709		mg/Kg		87	70 - 130		
Ethylbenzene			0.100	0.09729		mg/Kg		97	70 - 130		
m,p-Xylenes			0.200	0.1922		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.09359		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-109782/2-A
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109782

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1009		mg/Kg		101	70 - 130	1	35
Toluene			0.100	0.08166		mg/Kg		82	70 - 130	6	35
Ethylbenzene			0.100	0.08628		mg/Kg		86	70 - 130	12	35
m,p-Xylenes			0.200	0.1921		mg/Kg		96	70 - 130	0	35
o-Xylene			0.100	0.09710		mg/Kg		97	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: 880-57968-A-11-C MS
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 109782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09584		mg/Kg		96	70 - 130		
Toluene	<0.00200	U	0.100	0.08094		mg/Kg		81	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09352		mg/Kg		94	70 - 130		
m,p-Xylenes	<0.00400	U	0.200	0.1832		mg/Kg		92	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09215		mg/Kg		92	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-57968-A-11-D MSD
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 109782

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	0.09335		mg/Kg		93	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08363		mg/Kg		84	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08641		mg/Kg		86	70 - 130	8	35

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-A-11-D MSD
Matrix: Solid
Analysis Batch: 109887

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 109782

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00400	U	0.200	0.1949		mg/Kg		97	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: MB 880-109922/5-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/12/25 08:52	05/12/25 12:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*164*	*S1+*	*70 - 130*	*05/12/25 08:52*	*05/12/25 12:00*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/12/25 08:52*	*05/12/25 12:00*	*1*

Lab Sample ID: LCS 880-109922/1-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	0.100	0.08466		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09226		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.2094		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)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-109922/2-A
Matrix: Solid
Analysis Batch: 109913

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1008		mg/Kg		101	70 - 130	0	35
Toluene	0.100	0.08734		mg/Kg		87	70 - 130	3	35
Ethylbenzene	0.100	0.09937		mg/Kg		99	70 - 130	7	35
m,p-Xylenes	0.200	0.2144		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-109775/1-A
Matrix: Solid
Analysis Batch: 109979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109775

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		05/09/25 10:32	05/12/25 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	05/09/25 10:32	05/12/25 20:40	1
o-Terphenyl (Surr)	100		70 - 130	05/09/25 10:32	05/12/25 20:40	1

Lab Sample ID: LCS 880-109775/2-A
Matrix: Solid
Analysis Batch: 109979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: LCSD 880-109775/3-A
Matrix: Solid
Analysis Batch: 109979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109775

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	913.6		mg/Kg		91	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	125		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-A-6-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109979 — **Prep Batch: 109775**

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	995	1152		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	995	1253		mg/Kg		126	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*97*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-57968-A-6-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109979 — **Prep Batch: 109775**

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	995	1221		mg/Kg		123	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	995	1321	F1	mg/Kg		133	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*98*		*70 - 130*
o-Terphenyl (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-109777/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109878 — **Prep Batch: 109777**

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		05/09/25 10:41	05/09/25 18:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:41	05/09/25 18:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:41	05/09/25 18:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*05/09/25 10:41*	*05/09/25 18:57*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*05/09/25 10:41*	*05/09/25 18:57*	*1*

Lab Sample ID: LCS 880-109777/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109878 — **Prep Batch: 109777**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	895.0		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1026		mg/Kg		103	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109777/2-A
Matrix: Solid
Analysis Batch: 109878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109777

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	120		70 - 130

Lab Sample ID: LCSD 880-109777/3-A
Matrix: Solid
Analysis Batch: 109878

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109777

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	879.4		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1006		mg/Kg		101	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	119		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: 880-57969-11 MS
Matrix: Solid
Analysis Batch: 109878

Client Sample ID: T-3 (3')
Prep Type: Total/NA
Prep Batch: 109777

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	998	1220		mg/Kg		120	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	998	1339	F1	mg/Kg		132	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: 880-57969-11 MSD
Matrix: Solid
Analysis Batch: 109878

Client Sample ID: T-3 (3')
Prep Type: Total/NA
Prep Batch: 109777

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	998	1173		mg/Kg		116	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	998	1266		mg/Kg		125	70 - 130	6	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	134	S1+	70 - 130
o-Terphenyl (Surr)	115		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-109783/1-A
Matrix: Solid
Analysis Batch: 109980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109783

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		05/09/25 10:59	05/12/25 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 20:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*05/09/25 10:59*	*05/12/25 20:40*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*05/09/25 10:59*	*05/12/25 20:40*	*1*

Lab Sample ID: LCS 880-109783/2-A
Matrix: Solid
Analysis Batch: 109980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1000		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1135		mg/Kg		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*129*		*70 - 130*

Lab Sample ID: LCSD 880-109783/3-A
Matrix: Solid
Analysis Batch: 109980

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109783

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1018		mg/Kg		102	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1164		mg/Kg		116	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*136*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*

Lab Sample ID: 880-57969-31 MS
Matrix: Solid
Analysis Batch: 109980

Client Sample ID: T-7 (4')
Prep Type: Total/NA
Prep Batch: 109783

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 F1	999	1354	F1	mg/Kg		136	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	1481	F1	mg/Kg		147	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-31 MS
Matrix: Solid
Analysis Batch: 109980

Client Sample ID: T-7 (4')
Prep Type: Total/NA
Prep Batch: 109783

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	124		70 - 130

Lab Sample ID: 880-57969-31 MSD
Matrix: Solid
Analysis Batch: 109980

Client Sample ID: T-7 (4')
Prep Type: Total/NA
Prep Batch: 109783

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 F1	999	1359	F1	mg/Kg		136	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	1495	F1	mg/Kg		148	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
o-Terphenyl (Surr)	121		70 - 130

Lab Sample ID: MB 880-109784/1-A
Matrix: Solid
Analysis Batch: 109908

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109784

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		05/09/25 11:00	05/10/25 06:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 06:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 06:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	154	S1+	70 - 130	05/09/25 11:00	05/10/25 06:12	1
o-Terphenyl (Surr)	138	S1+	70 - 130	05/09/25 11:00	05/10/25 06:12	1

Lab Sample ID: LCS 880-109784/2-A
Matrix: Solid
Analysis Batch: 109908

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	994.7		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	995.8		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	163	S1+	70 - 130
o-Terphenyl (Surr)	137	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-109784/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109908 — **Prep Batch: 109784**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1022		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1051		mg/Kg		105	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*169*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*142*	*S1+*	*70 - 130*

Lab Sample ID: 880-57969-51 MS — **Client Sample ID: T-13 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109908 — **Prep Batch: 109784**

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 F1	997	1503	F1	mg/Kg		151	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	1447	F1	mg/Kg		145	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*162*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*145*	*S1+*	*70 - 130*

Lab Sample ID: 880-57969-51 MSD — **Client Sample ID: T-13 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 109908 — **Prep Batch: 109784**

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 F1	997	1543	F1	mg/Kg		155	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	1492	F1	mg/Kg		150	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*165*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*146*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-109836/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/12/25 14:27	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-109836/2-A
Matrix: Solid
Analysis Batch: 109888

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	250.6		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-109836/3-A
Matrix: Solid
Analysis Batch: 109888

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	250.8		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-57969-1 MS
Matrix: Solid
Analysis Batch: 109888

Client Sample ID: T-1 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	118		251	391.0		mg/Kg		109	90 - 110		

Lab Sample ID: 880-57969-1 MSD
Matrix: Solid
Analysis Batch: 109888

Client Sample ID: T-1 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118		251	391.3		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-57969-11 MS
Matrix: Solid
Analysis Batch: 109888

Client Sample ID: T-3 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	134	F1	251	419.2	F1	mg/Kg		114	90 - 110		

Lab Sample ID: 880-57969-11 MSD
Matrix: Solid
Analysis Batch: 109888

Client Sample ID: T-3 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	134	F1	251	419.8	F1	mg/Kg		114	90 - 110	0	20

Lab Sample ID: MB 880-109840/1-A
Matrix: Solid
Analysis Batch: 109919

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			05/12/25 12:48	1

Lab Sample ID: LCS 880-109840/2-A
Matrix: Solid
Analysis Batch: 109919

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	251.8		mg/Kg		101	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-109840/3-A
Matrix: Solid
Analysis Batch: 109919

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	252.4		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-57969-36 MS
Matrix: Solid
Analysis Batch: 109919

Client Sample ID: T-9 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	134		253	411.4		mg/Kg		110	90 - 110

Lab Sample ID: 880-57969-36 MSD
Matrix: Solid
Analysis Batch: 109919

Client Sample ID: T-9 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	134		253	411.3		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-57969-46 MS
Matrix: Solid
Analysis Batch: 109919

Client Sample ID: T-12 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	152	F1	250	439.3	F1	mg/Kg		115	90 - 110

Lab Sample ID: 880-57969-46 MSD
Matrix: Solid
Analysis Batch: 109919

Client Sample ID: T-12 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	152	F1	250	439.3	F1	mg/Kg		115	90 - 110	0	20

Lab Sample ID: MB 880-109839/1-A
Matrix: Solid
Analysis Batch: 109920

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			05/12/25 11:36	1

Lab Sample ID: LCS 880-109839/2-A
Matrix: Solid
Analysis Batch: 109920

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	262.1		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-109839/3-A
Matrix: Solid
Analysis Batch: 109920

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	262.4		mg/Kg		105	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-57969-16 MS — **Client Sample ID: T-4 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109920

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2810	F1	1250	4263	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-57969-16 MSD — **Client Sample ID: T-4 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109920

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2810	F1	1250	4233	F1	mg/Kg		114	90 - 110	1	20

Lab Sample ID: 880-57969-26 MS — **Client Sample ID: T-6 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109920

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	630		248	892.1		mg/Kg		106	90 - 110

Lab Sample ID: 880-57969-26 MSD — **Client Sample ID: T-6 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109920

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	630		248	879.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: MB 880-109846/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109942

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/13/25 11:46	1

Lab Sample ID: LCS 880-109846/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109942

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	259.1		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-109846/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109942

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	260.5		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-57969-51 MS — **Client Sample ID: T-13 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109942

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	857		249	1100		mg/Kg		98	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-57969-51 MSD — **Client Sample ID: T-13 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	857		249	1098		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-57969-61 MS — **Client Sample ID: T-16 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109942

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3710	F1	1240	5434	F1	mg/Kg		139	90 - 110

Lab Sample ID: 880-57969-61 MSD — **Client Sample ID: T-16 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3710	F1	1240	5441	F1	mg/Kg		140	90 - 110	0	20

Lab Sample ID: MB 880-109847/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/12/25 21:42	1

Lab Sample ID: LCS 880-109847/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.8		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-109847/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109970

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.2		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-57969-67 MS — **Client Sample ID: T-17 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109970

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	444		251	693.5		mg/Kg		99	90 - 110

Lab Sample ID: 880-57969-67 MSD — **Client Sample ID: T-17 (4')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 109970

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	444		251	696.0		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 109779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	5035	
880-57969-2	T-1 (2')	Total/NA	Solid	5035	
880-57969-3	T-1 (3')	Total/NA	Solid	5035	
880-57969-4	T-1 (4')	Total/NA	Solid	5035	
880-57969-5	T-2 (0-1')	Total/NA	Solid	5035	
880-57969-6	T-2 (2')	Total/NA	Solid	5035	
880-57969-7	T-2 (3')	Total/NA	Solid	5035	
880-57969-8	T-2 (4')	Total/NA	Solid	5035	
880-57969-9	T-3 (0-1')	Total/NA	Solid	5035	
880-57969-10	T-3 (2')	Total/NA	Solid	5035	
MB 880-109779/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109779/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109779/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57969-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-57969-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 109780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-21	T-5 (4')	Total/NA	Solid	5035	
880-57969-22	T-6 (0-1')	Total/NA	Solid	5035	
880-57969-23	T-6 (2')	Total/NA	Solid	5035	
880-57969-24	T-6 (3')	Total/NA	Solid	5035	
880-57969-25	T-6 (4')	Total/NA	Solid	5035	
880-57969-26	T-6 (5')	Total/NA	Solid	5035	
880-57969-27	T-6 (6')	Total/NA	Solid	5035	
880-57969-28	T-7 (0-1')	Total/NA	Solid	5035	
880-57969-29	T-7 (2')	Total/NA	Solid	5035	
880-57969-30	T-7 (3')	Total/NA	Solid	5035	
880-57969-31	T-7 (4')	Total/NA	Solid	5035	
880-57969-32	T-8 (0-1')	Total/NA	Solid	5035	
880-57969-33	T-8 (2')	Total/NA	Solid	5035	
880-57969-34	T-8 (3')	Total/NA	Solid	5035	
880-57969-35	T-9 (0-1')	Total/NA	Solid	5035	
880-57969-36	T-9 (2')	Total/NA	Solid	5035	
880-57969-37	T-9 (3')	Total/NA	Solid	5035	
880-57969-38	T-10 (0-1')	Total/NA	Solid	5035	
880-57969-39	T-10 (2')	Total/NA	Solid	5035	
880-57969-40	T-10 (3')	Total/NA	Solid	5035	
MB 880-109780/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109780/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109780/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57969-21 MS	T-5 (4')	Total/NA	Solid	5035	
880-57969-21 MSD	T-5 (4')	Total/NA	Solid	5035	

Prep Batch: 109781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-41	T-10 (4')	Total/NA	Solid	5035	
880-57969-42	T-11 (0-1')	Total/NA	Solid	5035	
880-57969-43	T-11 (2')	Total/NA	Solid	5035	
880-57969-44	T-11 (3')	Total/NA	Solid	5035	
880-57969-45	T-11 (4')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 109781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-46	T-12 (0-1')	Total/NA	Solid	5035	
880-57969-47	T-12 (2')	Total/NA	Solid	5035	
880-57969-48	T-12 (3')	Total/NA	Solid	5035	
880-57969-49	T-12 (4')	Total/NA	Solid	5035	
880-57969-50	T-13 (0-1')	Total/NA	Solid	5035	
880-57969-51	T-13 (2')	Total/NA	Solid	5035	
880-57969-52	T-13 (3')	Total/NA	Solid	5035	
880-57969-53	T-14 (0-1')	Total/NA	Solid	5035	
880-57969-54	T-14 (2')	Total/NA	Solid	5035	
880-57969-55	T-14 (3')	Total/NA	Solid	5035	
880-57969-56	T-15 (0-1')	Total/NA	Solid	5035	
880-57969-57	T-15 (2')	Total/NA	Solid	5035	
880-57969-58	T-15 (3')	Total/NA	Solid	5035	
880-57969-59	T-15 (4')	Total/NA	Solid	5035	
880-57969-60	T-16 (0-1')	Total/NA	Solid	5035	
MB 880-109781/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109781/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109781/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57969-41 MS	T-10 (4')	Total/NA	Solid	5035	
880-57969-41 MSD	T-10 (4')	Total/NA	Solid	5035	

Prep Batch: 109782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-61	T-16 (2')	Total/NA	Solid	5035	
880-57969-62	T-16 (3')	Total/NA	Solid	5035	
880-57969-63	T-16 (4')	Total/NA	Solid	5035	
880-57969-64	T-17 (0-1')	Total/NA	Solid	5035	
880-57969-65	T-17 (2')	Total/NA	Solid	5035	
880-57969-66	T-17 (3')	Total/NA	Solid	5035	
880-57969-67	T-17 (4')	Total/NA	Solid	5035	
880-57969-68	T-17 (5')	Total/NA	Solid	5035	
MB 880-109782/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109782/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109782/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57968-A-11-C MS	Matrix Spike	Total/NA	Solid	5035	
880-57968-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 109816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	8021B	109779
880-57969-2	T-1 (2')	Total/NA	Solid	8021B	109779
880-57969-3	T-1 (3')	Total/NA	Solid	8021B	109779
880-57969-4	T-1 (4')	Total/NA	Solid	8021B	109779
880-57969-5	T-2 (0-1')	Total/NA	Solid	8021B	109779
880-57969-6	T-2 (2')	Total/NA	Solid	8021B	109779
880-57969-7	T-2 (3')	Total/NA	Solid	8021B	109779
880-57969-8	T-2 (4')	Total/NA	Solid	8021B	109779
880-57969-9	T-3 (0-1')	Total/NA	Solid	8021B	109779
880-57969-10	T-3 (2')	Total/NA	Solid	8021B	109779
MB 880-109779/5-A	Method Blank	Total/NA	Solid	8021B	109779
LCS 880-109779/1-A	Lab Control Sample	Total/NA	Solid	8021B	109779

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109816 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-109779/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109779
880-57969-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	109779
880-57969-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	109779

Analysis Batch: 109841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-21	T-5 (4')	Total/NA	Solid	8021B	109780
880-57969-22	T-6 (0-1')	Total/NA	Solid	8021B	109780
880-57969-23	T-6 (2')	Total/NA	Solid	8021B	109780
880-57969-24	T-6 (3')	Total/NA	Solid	8021B	109780
880-57969-25	T-6 (4')	Total/NA	Solid	8021B	109780
880-57969-26	T-6 (5')	Total/NA	Solid	8021B	109780
880-57969-27	T-6 (6')	Total/NA	Solid	8021B	109780
880-57969-28	T-7 (0-1')	Total/NA	Solid	8021B	109780
880-57969-29	T-7 (2')	Total/NA	Solid	8021B	109780
880-57969-30	T-7 (3')	Total/NA	Solid	8021B	109780
880-57969-31	T-7 (4')	Total/NA	Solid	8021B	109780
880-57969-32	T-8 (0-1')	Total/NA	Solid	8021B	109780
880-57969-33	T-8 (2')	Total/NA	Solid	8021B	109780
880-57969-34	T-8 (3')	Total/NA	Solid	8021B	109780
880-57969-35	T-9 (0-1')	Total/NA	Solid	8021B	109780
880-57969-36	T-9 (2')	Total/NA	Solid	8021B	109780
880-57969-37	T-9 (3')	Total/NA	Solid	8021B	109780
880-57969-38	T-10 (0-1')	Total/NA	Solid	8021B	109780
880-57969-39	T-10 (2')	Total/NA	Solid	8021B	109780
880-57969-40	T-10 (3')	Total/NA	Solid	8021B	109780
MB 880-109780/5-A	Method Blank	Total/NA	Solid	8021B	109780
LCS 880-109780/1-A	Lab Control Sample	Total/NA	Solid	8021B	109780
LCSD 880-109780/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109780
880-57969-21 MS	T-5 (4')	Total/NA	Solid	8021B	109780
880-57969-21 MSD	T-5 (4')	Total/NA	Solid	8021B	109780

Analysis Batch: 109887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-61	T-16 (2')	Total/NA	Solid	8021B	109782
880-57969-62	T-16 (3')	Total/NA	Solid	8021B	109782
880-57969-63	T-16 (4')	Total/NA	Solid	8021B	109782
880-57969-64	T-17 (0-1')	Total/NA	Solid	8021B	109782
880-57969-65	T-17 (2')	Total/NA	Solid	8021B	109782
880-57969-66	T-17 (3')	Total/NA	Solid	8021B	109782
880-57969-67	T-17 (4')	Total/NA	Solid	8021B	109782
880-57969-68	T-17 (5')	Total/NA	Solid	8021B	109782
MB 880-109782/5-A	Method Blank	Total/NA	Solid	8021B	109782
LCS 880-109782/1-A	Lab Control Sample	Total/NA	Solid	8021B	109782
LCSD 880-109782/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109782
880-57968-A-11-C MS	Matrix Spike	Total/NA	Solid	8021B	109782
880-57968-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109782

Analysis Batch: 109913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-11	T-3 (3')	Total/NA	Solid	8021B	109922

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109913 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-12	T-3 (4')	Total/NA	Solid	8021B	109922
880-57969-13	T-4 (0-1')	Total/NA	Solid	8021B	109922
880-57969-14	T-4 (2')	Total/NA	Solid	8021B	109922
880-57969-15	T-4 (3')	Total/NA	Solid	8021B	109922
880-57969-16	T-4 (4')	Total/NA	Solid	8021B	109922
880-57969-17	T-4 (5')	Total/NA	Solid	8021B	109922
880-57969-18	T-5 (0-1')	Total/NA	Solid	8021B	109922
880-57969-19	T-5 (2')	Total/NA	Solid	8021B	109922
880-57969-20	T-5 (3')	Total/NA	Solid	8021B	109922
880-57969-41	T-10 (4')	Total/NA	Solid	8021B	109781
880-57969-42	T-11 (0-1')	Total/NA	Solid	8021B	109781
880-57969-43	T-11 (2')	Total/NA	Solid	8021B	109781
880-57969-44	T-11 (3')	Total/NA	Solid	8021B	109781
880-57969-45	T-11 (4')	Total/NA	Solid	8021B	109781
880-57969-46	T-12 (0-1')	Total/NA	Solid	8021B	109781
880-57969-47	T-12 (2')	Total/NA	Solid	8021B	109781
880-57969-48	T-12 (3')	Total/NA	Solid	8021B	109781
880-57969-49	T-12 (4')	Total/NA	Solid	8021B	109781
880-57969-50	T-13 (0-1')	Total/NA	Solid	8021B	109781
880-57969-51	T-13 (2')	Total/NA	Solid	8021B	109781
880-57969-52	T-13 (3')	Total/NA	Solid	8021B	109781
880-57969-53	T-14 (0-1')	Total/NA	Solid	8021B	109781
880-57969-54	T-14 (2')	Total/NA	Solid	8021B	109781
880-57969-55	T-14 (3')	Total/NA	Solid	8021B	109781
880-57969-56	T-15 (0-1')	Total/NA	Solid	8021B	109781
880-57969-57	T-15 (2')	Total/NA	Solid	8021B	109781
880-57969-58	T-15 (3')	Total/NA	Solid	8021B	109781
880-57969-59	T-15 (4')	Total/NA	Solid	8021B	109781
880-57969-60	T-16 (0-1')	Total/NA	Solid	8021B	109781
MB 880-109781/5-A	Method Blank	Total/NA	Solid	8021B	109781
MB 880-109922/5-A	Method Blank	Total/NA	Solid	8021B	109922
LCS 880-109781/1-A	Lab Control Sample	Total/NA	Solid	8021B	109781
LCS 880-109922/1-A	Lab Control Sample	Total/NA	Solid	8021B	109922
LCSD 880-109781/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109781
LCSD 880-109922/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109922
880-57969-41 MS	T-10 (4')	Total/NA	Solid	8021B	109781
880-57969-41 MSD	T-10 (4')	Total/NA	Solid	8021B	109781

Prep Batch: 109922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-11	T-3 (3')	Total/NA	Solid	5035	
880-57969-12	T-3 (4')	Total/NA	Solid	5035	
880-57969-13	T-4 (0-1')	Total/NA	Solid	5035	
880-57969-14	T-4 (2')	Total/NA	Solid	5035	
880-57969-15	T-4 (3')	Total/NA	Solid	5035	
880-57969-16	T-4 (4')	Total/NA	Solid	5035	
880-57969-17	T-4 (5')	Total/NA	Solid	5035	
880-57969-18	T-5 (0-1')	Total/NA	Solid	5035	
880-57969-19	T-5 (2')	Total/NA	Solid	5035	
880-57969-20	T-5 (3')	Total/NA	Solid	5035	
MB 880-109922/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 109922 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-109922/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109922/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 109969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-2	T-1 (2')	Total/NA	Solid	Total BTEX	
880-57969-3	T-1 (3')	Total/NA	Solid	Total BTEX	
880-57969-4	T-1 (4')	Total/NA	Solid	Total BTEX	
880-57969-5	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-6	T-2 (2')	Total/NA	Solid	Total BTEX	
880-57969-7	T-2 (3')	Total/NA	Solid	Total BTEX	
880-57969-8	T-2 (4')	Total/NA	Solid	Total BTEX	
880-57969-9	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-10	T-3 (2')	Total/NA	Solid	Total BTEX	
880-57969-11	T-3 (3')	Total/NA	Solid	Total BTEX	
880-57969-12	T-3 (4')	Total/NA	Solid	Total BTEX	
880-57969-13	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-14	T-4 (2')	Total/NA	Solid	Total BTEX	
880-57969-15	T-4 (3')	Total/NA	Solid	Total BTEX	
880-57969-16	T-4 (4')	Total/NA	Solid	Total BTEX	
880-57969-17	T-4 (5')	Total/NA	Solid	Total BTEX	
880-57969-18	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-19	T-5 (2')	Total/NA	Solid	Total BTEX	
880-57969-20	T-5 (3')	Total/NA	Solid	Total BTEX	
880-57969-21	T-5 (4')	Total/NA	Solid	Total BTEX	
880-57969-22	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-23	T-6 (2')	Total/NA	Solid	Total BTEX	
880-57969-24	T-6 (3')	Total/NA	Solid	Total BTEX	
880-57969-25	T-6 (4')	Total/NA	Solid	Total BTEX	
880-57969-26	T-6 (5')	Total/NA	Solid	Total BTEX	
880-57969-27	T-6 (6')	Total/NA	Solid	Total BTEX	
880-57969-28	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-29	T-7 (2')	Total/NA	Solid	Total BTEX	
880-57969-30	T-7 (3')	Total/NA	Solid	Total BTEX	
880-57969-31	T-7 (4')	Total/NA	Solid	Total BTEX	
880-57969-32	T-8 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-33	T-8 (2')	Total/NA	Solid	Total BTEX	
880-57969-34	T-8 (3')	Total/NA	Solid	Total BTEX	
880-57969-35	T-9 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-36	T-9 (2')	Total/NA	Solid	Total BTEX	
880-57969-37	T-9 (3')	Total/NA	Solid	Total BTEX	
880-57969-38	T-10 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-39	T-10 (2')	Total/NA	Solid	Total BTEX	
880-57969-40	T-10 (3')	Total/NA	Solid	Total BTEX	
880-57969-41	T-10 (4')	Total/NA	Solid	Total BTEX	
880-57969-42	T-11 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-43	T-11 (2')	Total/NA	Solid	Total BTEX	
880-57969-44	T-11 (3')	Total/NA	Solid	Total BTEX	
880-57969-45	T-11 (4')	Total/NA	Solid	Total BTEX	
880-57969-46	T-12 (0-1')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-47	T-12 (2')	Total/NA	Solid	Total BTEX	
880-57969-48	T-12 (3')	Total/NA	Solid	Total BTEX	
880-57969-49	T-12 (4')	Total/NA	Solid	Total BTEX	
880-57969-50	T-13 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-51	T-13 (2')	Total/NA	Solid	Total BTEX	
880-57969-52	T-13 (3')	Total/NA	Solid	Total BTEX	
880-57969-53	T-14 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-54	T-14 (2')	Total/NA	Solid	Total BTEX	
880-57969-55	T-14 (3')	Total/NA	Solid	Total BTEX	
880-57969-56	T-15 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-57	T-15 (2')	Total/NA	Solid	Total BTEX	
880-57969-58	T-15 (3')	Total/NA	Solid	Total BTEX	
880-57969-59	T-15 (4')	Total/NA	Solid	Total BTEX	
880-57969-60	T-16 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-61	T-16 (2')	Total/NA	Solid	Total BTEX	
880-57969-62	T-16 (3')	Total/NA	Solid	Total BTEX	
880-57969-63	T-16 (4')	Total/NA	Solid	Total BTEX	
880-57969-64	T-17 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-65	T-17 (2')	Total/NA	Solid	Total BTEX	
880-57969-66	T-17 (3')	Total/NA	Solid	Total BTEX	
880-57969-67	T-17 (4')	Total/NA	Solid	Total BTEX	
880-57969-68	T-17 (5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 109775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-2	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-57969-3	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-57969-4	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-57969-5	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-6	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-57969-7	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-57969-8	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-57969-9	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-10	T-3 (2')	Total/NA	Solid	8015NM Prep	
MB 880-109775/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109775/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57968-A-6-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-57968-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 109777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-11	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-57969-12	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-57969-13	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-14	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-57969-15	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-57969-16	T-4 (4')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 109777 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-17	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-57969-18	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-19	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-57969-20	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-57969-21	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-57969-22	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-23	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-57969-24	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-57969-25	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-57969-26	T-6 (5')	Total/NA	Solid	8015NM Prep	
880-57969-27	T-6 (6')	Total/NA	Solid	8015NM Prep	
880-57969-28	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-29	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-57969-30	T-7 (3')	Total/NA	Solid	8015NM Prep	
MB 880-109777/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109777/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109777/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57969-11 MS	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-57969-11 MSD	T-3 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 109783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-31	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-57969-32	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-33	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-57969-34	T-8 (3')	Total/NA	Solid	8015NM Prep	
880-57969-35	T-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-36	T-9 (2')	Total/NA	Solid	8015NM Prep	
880-57969-37	T-9 (3')	Total/NA	Solid	8015NM Prep	
880-57969-38	T-10 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-39	T-10 (2')	Total/NA	Solid	8015NM Prep	
880-57969-40	T-10 (3')	Total/NA	Solid	8015NM Prep	
880-57969-41	T-10 (4')	Total/NA	Solid	8015NM Prep	
880-57969-42	T-11 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-43	T-11 (2')	Total/NA	Solid	8015NM Prep	
880-57969-44	T-11 (3')	Total/NA	Solid	8015NM Prep	
880-57969-45	T-11 (4')	Total/NA	Solid	8015NM Prep	
880-57969-46	T-12 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-47	T-12 (2')	Total/NA	Solid	8015NM Prep	
880-57969-48	T-12 (3')	Total/NA	Solid	8015NM Prep	
880-57969-49	T-12 (4')	Total/NA	Solid	8015NM Prep	
880-57969-50	T-13 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-109783/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109783/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109783/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57969-31 MS	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-57969-31 MSD	T-7 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 109784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-51	T-13 (2')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 109784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-52	T-13 (3')	Total/NA	Solid	8015NM Prep	
880-57969-53	T-14 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-54	T-14 (2')	Total/NA	Solid	8015NM Prep	
880-57969-55	T-14 (3')	Total/NA	Solid	8015NM Prep	
880-57969-56	T-15 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-57	T-15 (2')	Total/NA	Solid	8015NM Prep	
880-57969-58	T-15 (3')	Total/NA	Solid	8015NM Prep	
880-57969-59	T-15 (4')	Total/NA	Solid	8015NM Prep	
880-57969-60	T-16 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-61	T-16 (2')	Total/NA	Solid	8015NM Prep	
880-57969-62	T-16 (3')	Total/NA	Solid	8015NM Prep	
880-57969-63	T-16 (4')	Total/NA	Solid	8015NM Prep	
880-57969-64	T-17 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-65	T-17 (2')	Total/NA	Solid	8015NM Prep	
880-57969-66	T-17 (3')	Total/NA	Solid	8015NM Prep	
880-57969-67	T-17 (4')	Total/NA	Solid	8015NM Prep	
880-57969-68	T-17 (5')	Total/NA	Solid	8015NM Prep	
MB 880-109784/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109784/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57969-51 MS	T-13 (2')	Total/NA	Solid	8015NM Prep	
880-57969-51 MSD	T-13 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 109878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-11	T-3 (3')	Total/NA	Solid	8015B NM	109777
880-57969-12	T-3 (4')	Total/NA	Solid	8015B NM	109777
880-57969-13	T-4 (0-1')	Total/NA	Solid	8015B NM	109777
880-57969-14	T-4 (2')	Total/NA	Solid	8015B NM	109777
880-57969-15	T-4 (3')	Total/NA	Solid	8015B NM	109777
880-57969-16	T-4 (4')	Total/NA	Solid	8015B NM	109777
880-57969-17	T-4 (5')	Total/NA	Solid	8015B NM	109777
880-57969-18	T-5 (0-1')	Total/NA	Solid	8015B NM	109777
880-57969-19	T-5 (2')	Total/NA	Solid	8015B NM	109777
880-57969-20	T-5 (3')	Total/NA	Solid	8015B NM	109777
880-57969-21	T-5 (4')	Total/NA	Solid	8015B NM	109777
880-57969-22	T-6 (0-1')	Total/NA	Solid	8015B NM	109777
880-57969-23	T-6 (2')	Total/NA	Solid	8015B NM	109777
880-57969-24	T-6 (3')	Total/NA	Solid	8015B NM	109777
880-57969-25	T-6 (4')	Total/NA	Solid	8015B NM	109777
880-57969-26	T-6 (5')	Total/NA	Solid	8015B NM	109777
880-57969-27	T-6 (6')	Total/NA	Solid	8015B NM	109777
880-57969-28	T-7 (0-1')	Total/NA	Solid	8015B NM	109777
880-57969-29	T-7 (2')	Total/NA	Solid	8015B NM	109777
880-57969-30	T-7 (3')	Total/NA	Solid	8015B NM	109777
MB 880-109777/1-A	Method Blank	Total/NA	Solid	8015B NM	109777
LCS 880-109777/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109777
LCSD 880-109777/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109777
880-57969-11 MS	T-3 (3')	Total/NA	Solid	8015B NM	109777
880-57969-11 MSD	T-3 (3')	Total/NA	Solid	8015B NM	109777

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 109908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-51	T-13 (2')	Total/NA	Solid	8015B NM	109784
880-57969-52	T-13 (3')	Total/NA	Solid	8015B NM	109784
880-57969-53	T-14 (0-1')	Total/NA	Solid	8015B NM	109784
880-57969-54	T-14 (2')	Total/NA	Solid	8015B NM	109784
880-57969-55	T-14 (3')	Total/NA	Solid	8015B NM	109784
880-57969-56	T-15 (0-1')	Total/NA	Solid	8015B NM	109784
880-57969-57	T-15 (2')	Total/NA	Solid	8015B NM	109784
880-57969-58	T-15 (3')	Total/NA	Solid	8015B NM	109784
880-57969-59	T-15 (4')	Total/NA	Solid	8015B NM	109784
880-57969-60	T-16 (0-1')	Total/NA	Solid	8015B NM	109784
880-57969-61	T-16 (2')	Total/NA	Solid	8015B NM	109784
880-57969-62	T-16 (3')	Total/NA	Solid	8015B NM	109784
880-57969-63	T-16 (4')	Total/NA	Solid	8015B NM	109784
880-57969-64	T-17 (0-1')	Total/NA	Solid	8015B NM	109784
880-57969-65	T-17 (2')	Total/NA	Solid	8015B NM	109784
880-57969-66	T-17 (3')	Total/NA	Solid	8015B NM	109784
880-57969-67	T-17 (4')	Total/NA	Solid	8015B NM	109784
880-57969-68	T-17 (5')	Total/NA	Solid	8015B NM	109784
MB 880-109784/1-A	Method Blank	Total/NA	Solid	8015B NM	109784
LCS 880-109784/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109784
LCSD 880-109784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109784
880-57969-51 MS	T-13 (2')	Total/NA	Solid	8015B NM	109784
880-57969-51 MSD	T-13 (2')	Total/NA	Solid	8015B NM	109784

Analysis Batch: 109947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-57969-2	T-1 (2')	Total/NA	Solid	8015 NM	
880-57969-3	T-1 (3')	Total/NA	Solid	8015 NM	
880-57969-4	T-1 (4')	Total/NA	Solid	8015 NM	
880-57969-5	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-57969-6	T-2 (2')	Total/NA	Solid	8015 NM	
880-57969-7	T-2 (3')	Total/NA	Solid	8015 NM	
880-57969-8	T-2 (4')	Total/NA	Solid	8015 NM	
880-57969-9	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-57969-10	T-3 (2')	Total/NA	Solid	8015 NM	
880-57969-11	T-3 (3')	Total/NA	Solid	8015 NM	
880-57969-12	T-3 (4')	Total/NA	Solid	8015 NM	
880-57969-13	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-57969-14	T-4 (2')	Total/NA	Solid	8015 NM	
880-57969-15	T-4 (3')	Total/NA	Solid	8015 NM	
880-57969-16	T-4 (4')	Total/NA	Solid	8015 NM	
880-57969-17	T-4 (5')	Total/NA	Solid	8015 NM	
880-57969-18	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-57969-19	T-5 (2')	Total/NA	Solid	8015 NM	
880-57969-20	T-5 (3')	Total/NA	Solid	8015 NM	
880-57969-21	T-5 (4')	Total/NA	Solid	8015 NM	
880-57969-22	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-57969-23	T-6 (2')	Total/NA	Solid	8015 NM	
880-57969-24	T-6 (3')	Total/NA	Solid	8015 NM	
880-57969-25	T-6 (4')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 109947 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-26	T-6 (5')	Total/NA	Solid	8015 NM	
880-57969-27	T-6 (6')	Total/NA	Solid	8015 NM	
880-57969-28	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-57969-29	T-7 (2')	Total/NA	Solid	8015 NM	
880-57969-30	T-7 (3')	Total/NA	Solid	8015 NM	
880-57969-31	T-7 (4')	Total/NA	Solid	8015 NM	
880-57969-32	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-57969-33	T-8 (2')	Total/NA	Solid	8015 NM	
880-57969-34	T-8 (3')	Total/NA	Solid	8015 NM	
880-57969-35	T-9 (0-1')	Total/NA	Solid	8015 NM	
880-57969-36	T-9 (2')	Total/NA	Solid	8015 NM	
880-57969-37	T-9 (3')	Total/NA	Solid	8015 NM	
880-57969-38	T-10 (0-1')	Total/NA	Solid	8015 NM	
880-57969-39	T-10 (2')	Total/NA	Solid	8015 NM	
880-57969-40	T-10 (3')	Total/NA	Solid	8015 NM	
880-57969-41	T-10 (4')	Total/NA	Solid	8015 NM	
880-57969-42	T-11 (0-1')	Total/NA	Solid	8015 NM	
880-57969-43	T-11 (2')	Total/NA	Solid	8015 NM	
880-57969-44	T-11 (3')	Total/NA	Solid	8015 NM	
880-57969-45	T-11 (4')	Total/NA	Solid	8015 NM	
880-57969-46	T-12 (0-1')	Total/NA	Solid	8015 NM	
880-57969-47	T-12 (2')	Total/NA	Solid	8015 NM	
880-57969-48	T-12 (3')	Total/NA	Solid	8015 NM	
880-57969-49	T-12 (4')	Total/NA	Solid	8015 NM	
880-57969-50	T-13 (0-1')	Total/NA	Solid	8015 NM	
880-57969-51	T-13 (2')	Total/NA	Solid	8015 NM	
880-57969-52	T-13 (3')	Total/NA	Solid	8015 NM	
880-57969-53	T-14 (0-1')	Total/NA	Solid	8015 NM	
880-57969-54	T-14 (2')	Total/NA	Solid	8015 NM	
880-57969-55	T-14 (3')	Total/NA	Solid	8015 NM	
880-57969-56	T-15 (0-1')	Total/NA	Solid	8015 NM	
880-57969-57	T-15 (2')	Total/NA	Solid	8015 NM	
880-57969-58	T-15 (3')	Total/NA	Solid	8015 NM	
880-57969-59	T-15 (4')	Total/NA	Solid	8015 NM	
880-57969-60	T-16 (0-1')	Total/NA	Solid	8015 NM	
880-57969-61	T-16 (2')	Total/NA	Solid	8015 NM	
880-57969-62	T-16 (3')	Total/NA	Solid	8015 NM	
880-57969-63	T-16 (4')	Total/NA	Solid	8015 NM	
880-57969-64	T-17 (0-1')	Total/NA	Solid	8015 NM	
880-57969-65	T-17 (2')	Total/NA	Solid	8015 NM	
880-57969-66	T-17 (3')	Total/NA	Solid	8015 NM	
880-57969-67	T-17 (4')	Total/NA	Solid	8015 NM	
880-57969-68	T-17 (5')	Total/NA	Solid	8015 NM	

Analysis Batch: 109979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	8015B NM	109775
880-57969-2	T-1 (2')	Total/NA	Solid	8015B NM	109775
880-57969-3	T-1 (3')	Total/NA	Solid	8015B NM	109775
880-57969-4	T-1 (4')	Total/NA	Solid	8015B NM	109775
880-57969-5	T-2 (0-1')	Total/NA	Solid	8015B NM	109775

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 109979 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-6	T-2 (2')	Total/NA	Solid	8015B NM	109775
880-57969-7	T-2 (3')	Total/NA	Solid	8015B NM	109775
880-57969-8	T-2 (4')	Total/NA	Solid	8015B NM	109775
880-57969-9	T-3 (0-1')	Total/NA	Solid	8015B NM	109775
880-57969-10	T-3 (2')	Total/NA	Solid	8015B NM	109775
MB 880-109775/1-A	Method Blank	Total/NA	Solid	8015B NM	109775
LCS 880-109775/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109775
LCSD 880-109775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109775
880-57968-A-6-B MS	Matrix Spike	Total/NA	Solid	8015B NM	109775
880-57968-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	109775

Analysis Batch: 109980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-31	T-7 (4')	Total/NA	Solid	8015B NM	109783
880-57969-32	T-8 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-33	T-8 (2')	Total/NA	Solid	8015B NM	109783
880-57969-34	T-8 (3')	Total/NA	Solid	8015B NM	109783
880-57969-35	T-9 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-36	T-9 (2')	Total/NA	Solid	8015B NM	109783
880-57969-37	T-9 (3')	Total/NA	Solid	8015B NM	109783
880-57969-38	T-10 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-39	T-10 (2')	Total/NA	Solid	8015B NM	109783
880-57969-40	T-10 (3')	Total/NA	Solid	8015B NM	109783
880-57969-41	T-10 (4')	Total/NA	Solid	8015B NM	109783
880-57969-42	T-11 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-43	T-11 (2')	Total/NA	Solid	8015B NM	109783
880-57969-44	T-11 (3')	Total/NA	Solid	8015B NM	109783
880-57969-45	T-11 (4')	Total/NA	Solid	8015B NM	109783
880-57969-46	T-12 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-47	T-12 (2')	Total/NA	Solid	8015B NM	109783
880-57969-48	T-12 (3')	Total/NA	Solid	8015B NM	109783
880-57969-49	T-12 (4')	Total/NA	Solid	8015B NM	109783
880-57969-50	T-13 (0-1')	Total/NA	Solid	8015B NM	109783
MB 880-109783/1-A	Method Blank	Total/NA	Solid	8015B NM	109783
LCS 880-109783/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109783
LCSD 880-109783/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109783
880-57969-31 MS	T-7 (4')	Total/NA	Solid	8015B NM	109783
880-57969-31 MSD	T-7 (4')	Total/NA	Solid	8015B NM	109783

HPLC/IC

Leach Batch: 109836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-57969-2	T-1 (2')	Soluble	Solid	DI Leach	
880-57969-3	T-1 (3')	Soluble	Solid	DI Leach	
880-57969-4	T-1 (4')	Soluble	Solid	DI Leach	
880-57969-5	T-2 (0-1')	Soluble	Solid	DI Leach	
880-57969-6	T-2 (2')	Soluble	Solid	DI Leach	
880-57969-7	T-2 (3')	Soluble	Solid	DI Leach	
880-57969-8	T-2 (4')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 109836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-9	T-3 (0-1')	Soluble	Solid	DI Leach	
880-57969-10	T-3 (2')	Soluble	Solid	DI Leach	
880-57969-11	T-3 (3')	Soluble	Solid	DI Leach	
880-57969-12	T-3 (4')	Soluble	Solid	DI Leach	
880-57969-13	T-4 (0-1')	Soluble	Solid	DI Leach	
880-57969-14	T-4 (2')	Soluble	Solid	DI Leach	
880-57969-15	T-4 (3')	Soluble	Solid	DI Leach	
MB 880-109836/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109836/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109836/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-57969-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-57969-11 MS	T-3 (3')	Soluble	Solid	DI Leach	
880-57969-11 MSD	T-3 (3')	Soluble	Solid	DI Leach	

Leach Batch: 109839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-16	T-4 (4')	Soluble	Solid	DI Leach	
880-57969-17	T-4 (5')	Soluble	Solid	DI Leach	
880-57969-18	T-5 (0-1')	Soluble	Solid	DI Leach	
880-57969-19	T-5 (2')	Soluble	Solid	DI Leach	
880-57969-20	T-5 (3')	Soluble	Solid	DI Leach	
880-57969-21	T-5 (4')	Soluble	Solid	DI Leach	
880-57969-22	T-6 (0-1')	Soluble	Solid	DI Leach	
880-57969-23	T-6 (2')	Soluble	Solid	DI Leach	
880-57969-24	T-6 (3')	Soluble	Solid	DI Leach	
880-57969-25	T-6 (4')	Soluble	Solid	DI Leach	
880-57969-26	T-6 (5')	Soluble	Solid	DI Leach	
880-57969-27	T-6 (6')	Soluble	Solid	DI Leach	
880-57969-28	T-7 (0-1')	Soluble	Solid	DI Leach	
880-57969-29	T-7 (2')	Soluble	Solid	DI Leach	
880-57969-30	T-7 (3')	Soluble	Solid	DI Leach	
880-57969-31	T-7 (4')	Soluble	Solid	DI Leach	
880-57969-32	T-8 (0-1')	Soluble	Solid	DI Leach	
880-57969-33	T-8 (2')	Soluble	Solid	DI Leach	
880-57969-34	T-8 (3')	Soluble	Solid	DI Leach	
880-57969-35	T-9 (0-1')	Soluble	Solid	DI Leach	
MB 880-109839/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109839/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109839/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-16 MS	T-4 (4')	Soluble	Solid	DI Leach	
880-57969-16 MSD	T-4 (4')	Soluble	Solid	DI Leach	
880-57969-26 MS	T-6 (5')	Soluble	Solid	DI Leach	
880-57969-26 MSD	T-6 (5')	Soluble	Solid	DI Leach	

Leach Batch: 109840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-36	T-9 (2')	Soluble	Solid	DI Leach	
880-57969-37	T-9 (3')	Soluble	Solid	DI Leach	
880-57969-38	T-10 (0-1')	Soluble	Solid	DI Leach	
880-57969-39	T-10 (2')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 109840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-40	T-10 (3')	Soluble	Solid	DI Leach	
880-57969-41	T-10 (4')	Soluble	Solid	DI Leach	
880-57969-42	T-11 (0-1')	Soluble	Solid	DI Leach	
880-57969-43	T-11 (2')	Soluble	Solid	DI Leach	
880-57969-44	T-11 (3')	Soluble	Solid	DI Leach	
880-57969-45	T-11 (4')	Soluble	Solid	DI Leach	
880-57969-46	T-12 (0-1')	Soluble	Solid	DI Leach	
880-57969-47	T-12 (2')	Soluble	Solid	DI Leach	
880-57969-48	T-12 (3')	Soluble	Solid	DI Leach	
880-57969-49	T-12 (4')	Soluble	Solid	DI Leach	
880-57969-50	T-13 (0-1')	Soluble	Solid	DI Leach	
MB 880-109840/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109840/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109840/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-36 MS	T-9 (2')	Soluble	Solid	DI Leach	
880-57969-36 MSD	T-9 (2')	Soluble	Solid	DI Leach	
880-57969-46 MS	T-12 (0-1')	Soluble	Solid	DI Leach	
880-57969-46 MSD	T-12 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 109846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-51	T-13 (2')	Soluble	Solid	DI Leach	
880-57969-52	T-13 (3')	Soluble	Solid	DI Leach	
880-57969-53	T-14 (0-1')	Soluble	Solid	DI Leach	
880-57969-54	T-14 (2')	Soluble	Solid	DI Leach	
880-57969-55	T-14 (3')	Soluble	Solid	DI Leach	
880-57969-56	T-15 (0-1')	Soluble	Solid	DI Leach	
880-57969-57	T-15 (2')	Soluble	Solid	DI Leach	
880-57969-58	T-15 (3')	Soluble	Solid	DI Leach	
880-57969-59	T-15 (4')	Soluble	Solid	DI Leach	
880-57969-60	T-16 (0-1')	Soluble	Solid	DI Leach	
880-57969-61	T-16 (2')	Soluble	Solid	DI Leach	
880-57969-62	T-16 (3')	Soluble	Solid	DI Leach	
880-57969-63	T-16 (4')	Soluble	Solid	DI Leach	
880-57969-64	T-17 (0-1')	Soluble	Solid	DI Leach	
880-57969-65	T-17 (2')	Soluble	Solid	DI Leach	
880-57969-66	T-17 (3')	Soluble	Solid	DI Leach	
MB 880-109846/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109846/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109846/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-51 MS	T-13 (2')	Soluble	Solid	DI Leach	
880-57969-51 MSD	T-13 (2')	Soluble	Solid	DI Leach	
880-57969-61 MS	T-16 (2')	Soluble	Solid	DI Leach	
880-57969-61 MSD	T-16 (2')	Soluble	Solid	DI Leach	

Leach Batch: 109847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-67	T-17 (4')	Soluble	Solid	DI Leach	
880-57969-68	T-17 (5')	Soluble	Solid	DI Leach	
MB 880-109847/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109847/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 109847 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-109847/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-67 MS	T-17 (4')	Soluble	Solid	DI Leach	
880-57969-67 MSD	T-17 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 109888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Soluble	Solid	300.0	109836
880-57969-2	T-1 (2')	Soluble	Solid	300.0	109836
880-57969-3	T-1 (3')	Soluble	Solid	300.0	109836
880-57969-4	T-1 (4')	Soluble	Solid	300.0	109836
880-57969-5	T-2 (0-1')	Soluble	Solid	300.0	109836
880-57969-6	T-2 (2')	Soluble	Solid	300.0	109836
880-57969-7	T-2 (3')	Soluble	Solid	300.0	109836
880-57969-8	T-2 (4')	Soluble	Solid	300.0	109836
880-57969-9	T-3 (0-1')	Soluble	Solid	300.0	109836
880-57969-10	T-3 (2')	Soluble	Solid	300.0	109836
880-57969-11	T-3 (3')	Soluble	Solid	300.0	109836
880-57969-12	T-3 (4')	Soluble	Solid	300.0	109836
880-57969-13	T-4 (0-1')	Soluble	Solid	300.0	109836
880-57969-14	T-4 (2')	Soluble	Solid	300.0	109836
880-57969-15	T-4 (3')	Soluble	Solid	300.0	109836
MB 880-109836/1-A	Method Blank	Soluble	Solid	300.0	109836
LCS 880-109836/2-A	Lab Control Sample	Soluble	Solid	300.0	109836
LCSD 880-109836/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109836
880-57969-1 MS	T-1 (0-1')	Soluble	Solid	300.0	109836
880-57969-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	109836
880-57969-11 MS	T-3 (3')	Soluble	Solid	300.0	109836
880-57969-11 MSD	T-3 (3')	Soluble	Solid	300.0	109836

Analysis Batch: 109919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-36	T-9 (2')	Soluble	Solid	300.0	109840
880-57969-37	T-9 (3')	Soluble	Solid	300.0	109840
880-57969-38	T-10 (0-1')	Soluble	Solid	300.0	109840
880-57969-39	T-10 (2')	Soluble	Solid	300.0	109840
880-57969-40	T-10 (3')	Soluble	Solid	300.0	109840
880-57969-41	T-10 (4')	Soluble	Solid	300.0	109840
880-57969-42	T-11 (0-1')	Soluble	Solid	300.0	109840
880-57969-43	T-11 (2')	Soluble	Solid	300.0	109840
880-57969-44	T-11 (3')	Soluble	Solid	300.0	109840
880-57969-45	T-11 (4')	Soluble	Solid	300.0	109840
880-57969-46	T-12 (0-1')	Soluble	Solid	300.0	109840
880-57969-47	T-12 (2')	Soluble	Solid	300.0	109840
880-57969-48	T-12 (3')	Soluble	Solid	300.0	109840
880-57969-49	T-12 (4')	Soluble	Solid	300.0	109840
880-57969-50	T-13 (0-1')	Soluble	Solid	300.0	109840
MB 880-109840/1-A	Method Blank	Soluble	Solid	300.0	109840
LCS 880-109840/2-A	Lab Control Sample	Soluble	Solid	300.0	109840
LCSD 880-109840/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109840
880-57969-36 MS	T-9 (2')	Soluble	Solid	300.0	109840
880-57969-36 MSD	T-9 (2')	Soluble	Solid	300.0	109840

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 109919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-46 MS	T-12 (0-1')	Soluble	Solid	300.0	109840
880-57969-46 MSD	T-12 (0-1')	Soluble	Solid	300.0	109840

Analysis Batch: 109920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-16	T-4 (4')	Soluble	Solid	300.0	109839
880-57969-17	T-4 (5')	Soluble	Solid	300.0	109839
880-57969-18	T-5 (0-1')	Soluble	Solid	300.0	109839
880-57969-19	T-5 (2')	Soluble	Solid	300.0	109839
880-57969-20	T-5 (3')	Soluble	Solid	300.0	109839
880-57969-21	T-5 (4')	Soluble	Solid	300.0	109839
880-57969-22	T-6 (0-1')	Soluble	Solid	300.0	109839
880-57969-23	T-6 (2')	Soluble	Solid	300.0	109839
880-57969-24	T-6 (3')	Soluble	Solid	300.0	109839
880-57969-25	T-6 (4')	Soluble	Solid	300.0	109839
880-57969-26	T-6 (5')	Soluble	Solid	300.0	109839
880-57969-27	T-6 (6')	Soluble	Solid	300.0	109839
880-57969-28	T-7 (0-1')	Soluble	Solid	300.0	109839
880-57969-29	T-7 (2')	Soluble	Solid	300.0	109839
880-57969-30	T-7 (3')	Soluble	Solid	300.0	109839
880-57969-31	T-7 (4')	Soluble	Solid	300.0	109839
880-57969-32	T-8 (0-1')	Soluble	Solid	300.0	109839
880-57969-33	T-8 (2')	Soluble	Solid	300.0	109839
880-57969-34	T-8 (3')	Soluble	Solid	300.0	109839
880-57969-35	T-9 (0-1')	Soluble	Solid	300.0	109839
MB 880-109839/1-A	Method Blank	Soluble	Solid	300.0	109839
LCS 880-109839/2-A	Lab Control Sample	Soluble	Solid	300.0	109839
LCSD 880-109839/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109839
880-57969-16 MS	T-4 (4')	Soluble	Solid	300.0	109839
880-57969-16 MSD	T-4 (4')	Soluble	Solid	300.0	109839
880-57969-26 MS	T-6 (5')	Soluble	Solid	300.0	109839
880-57969-26 MSD	T-6 (5')	Soluble	Solid	300.0	109839

Analysis Batch: 109942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-51	T-13 (2')	Soluble	Solid	300.0	109846
880-57969-52	T-13 (3')	Soluble	Solid	300.0	109846
880-57969-53	T-14 (0-1')	Soluble	Solid	300.0	109846
880-57969-54	T-14 (2')	Soluble	Solid	300.0	109846
880-57969-55	T-14 (3')	Soluble	Solid	300.0	109846
880-57969-56	T-15 (0-1')	Soluble	Solid	300.0	109846
880-57969-57	T-15 (2')	Soluble	Solid	300.0	109846
880-57969-58	T-15 (3')	Soluble	Solid	300.0	109846
880-57969-59	T-15 (4')	Soluble	Solid	300.0	109846
880-57969-60	T-16 (0-1')	Soluble	Solid	300.0	109846
880-57969-61	T-16 (2')	Soluble	Solid	300.0	109846
880-57969-62	T-16 (3')	Soluble	Solid	300.0	109846
880-57969-63	T-16 (4')	Soluble	Solid	300.0	109846
880-57969-64	T-17 (0-1')	Soluble	Solid	300.0	109846
880-57969-65	T-17 (2')	Soluble	Solid	300.0	109846
880-57969-66	T-17 (3')	Soluble	Solid	300.0	109846

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 109942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-109846/1-A	Method Blank	Soluble	Solid	300.0	109846
LCS 880-109846/2-A	Lab Control Sample	Soluble	Solid	300.0	109846
LCSD 880-109846/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109846
880-57969-51 MS	T-13 (2')	Soluble	Solid	300.0	109846
880-57969-51 MSD	T-13 (2')	Soluble	Solid	300.0	109846
880-57969-61 MS	T-16 (2')	Soluble	Solid	300.0	109846
880-57969-61 MSD	T-16 (2')	Soluble	Solid	300.0	109846

Analysis Batch: 109970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-67	T-17 (4')	Soluble	Solid	300.0	109847
880-57969-68	T-17 (5')	Soluble	Solid	300.0	109847
MB 880-109847/1-A	Method Blank	Soluble	Solid	300.0	109847
LCS 880-109847/2-A	Lab Control Sample	Soluble	Solid	300.0	109847
LCSD 880-109847/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109847
880-57969-67 MS	T-17 (4')	Soluble	Solid	300.0	109847
880-57969-67 MSD	T-17 (4')	Soluble	Solid	300.0	109847

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-1
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 16:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 00:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 00:58	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 14:48	CH	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-57969-2
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 16:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 16:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 01:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 01:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 15:09	CH	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-57969-3
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 16:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 01:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 01:30	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 15:16	CH	EET MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-57969-4
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:06	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (4')

Lab Sample ID: 880-57969-4
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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			109947	05/13/25 01:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 01:46	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 15:23	CH	EET MID

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-57969-5
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 02:02	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		5			109888	05/12/25 15:30	CH	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57969-6
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 02:18	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		5			109888	05/12/25 15:52	CH	EET MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-57969-7
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 18:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:35	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 02:35	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (3')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-7
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	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 15:59	CH	EET MID

Client Sample ID: T-2 (4')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 02:50	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:06	CH	EET MID

Client Sample ID: T-3 (0-1')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-9
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			5.03 g	5 mL	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 03:07	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:13	CH	EET MID

Client Sample ID: T-3 (2')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-10
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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 19:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 03:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 03:23	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:20	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (3')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-11
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			5.05 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 17:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 20:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 20:24	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:27	CH	EET MID

Client Sample ID: T-3 (4')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-12
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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 18:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 21:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 21:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:48	CH	EET MID

Client Sample ID: T-4 (0-1')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 18:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 21:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 21:26	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		5			109888	05/13/25 08:56	CH	EET MID

Client Sample ID: T-4 (2')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-14
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			5.03 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 18:51	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (2')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-14
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			109947	05/09/25 21:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 21:42	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 17:17	CH	EET MID

Client Sample ID: T-4 (3')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-15
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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 19:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 21:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 17:24	CH	EET MID

Client Sample ID: T-4 (4')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-16
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			5.01 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 19:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 22:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 22:13	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		5			109920	05/12/25 11:59	CH	EET MID

Client Sample ID: T-4 (5')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-17
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			4.98 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 22:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 22:31	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (5')
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 12:22	CH	EET MID

Client Sample ID: T-5 (0-1')
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 20:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 22:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 22:46	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 12:30	CH	EET MID

Client Sample ID: T-5 (2')
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 20:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 23:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 23:02	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 12:38	CH	EET MID

Client Sample ID: T-5 (3')
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 20:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 23:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 23:17	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 12:46	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-57969-21
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 23:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 23:49	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 13:09	CH	EET MID

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-57969-22
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 17:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 00:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 00:04	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		5			109920	05/12/25 13:16	CH	EET MID

Client Sample ID: T-6 (2')

Lab Sample ID: 880-57969-23
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 00:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 00:20	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		5			109920	05/12/25 13:24	CH	EET MID

Client Sample ID: T-6 (3')

Lab Sample ID: 880-57969-24
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (3')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			109947	05/10/25 00:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 00:36	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		10			109920	05/12/25 13:32	CH	EET MID

Client Sample ID: T-6 (4')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-25
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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 00:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 00:52	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		10			109920	05/12/25 13:40	CH	EET MID

Client Sample ID: T-6 (5')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-26
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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 19:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 01:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 01:07	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 13:48	CH	EET MID

Client Sample ID: T-6 (6')

Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-27
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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 19:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 01:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 01:24	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (6')

Lab Sample ID: 880-57969-27
Matrix: Solid
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

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	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:11	CH	EET MID

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-57969-28
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 19:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 01:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 01:39	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:19	CH	EET MID

Client Sample ID: T-7 (2')

Lab Sample ID: 880-57969-29
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 01:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 01:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:42	CH	EET MID

Client Sample ID: T-7 (3')

Lab Sample ID: 880-57969-30
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 02:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 02:10	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:50	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (4')

Lab Sample ID: 880-57969-31
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 21:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 21:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 21:30	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:57	CH	EET MID

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-57969-32
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 21:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 22:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 15:05	CH	EET MID

Client Sample ID: T-8 (2')

Lab Sample ID: 880-57969-33
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 22:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 22:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 15:13	CH	EET MID

Client Sample ID: T-8 (3')

Lab Sample ID: 880-57969-34
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 22:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-8 (3')

Lab Sample ID: 880-57969-34
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			109947	05/12/25 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 15:21	CH	EET MID

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-57969-35
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 22:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 23:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 23:08	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 15:28	CH	EET MID

Client Sample ID: T-9 (2')

Lab Sample ID: 880-57969-36
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 23:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:04	CH	EET MID

Client Sample ID: T-9 (3')

Lab Sample ID: 880-57969-37
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 23:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 23:39	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-9 (3')

Lab Sample ID: 880-57969-37
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:19	CH	EET MID

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-57969-38
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 23:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 23:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 23:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:25	CH	EET MID

Client Sample ID: T-10 (2')

Lab Sample ID: 880-57969-39
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/10/25 00:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/10/25 00:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 00:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 00:11	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:30	CH	EET MID

Client Sample ID: T-10 (3')

Lab Sample ID: 880-57969-40
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/10/25 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/10/25 00:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 00:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 00:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:35	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-10 (4')

Lab Sample ID: 880-57969-41

Date Collected: 05/07/25 00:00
Matrix: Solid
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 00:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 00:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 00:58	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:51	CH	EET MID

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-57969-42

Date Collected: 05/07/25 00:00
Matrix: Solid
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 00:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 01:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 01:14	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		5			109919	05/12/25 13:56	CH	EET MID

Client Sample ID: T-11 (2')

Lab Sample ID: 880-57969-43

Date Collected: 05/07/25 00:00
Matrix: Solid
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 01:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 01:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 01:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 01:30	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		5			109919	05/12/25 14:01	CH	EET MID

Client Sample ID: T-11 (3')

Lab Sample ID: 880-57969-44

Date Collected: 05/07/25 00:00
Matrix: Solid
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 01:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-11 (3')

Lab Sample ID: 880-57969-44
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

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			109947	05/13/25 01:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 01:46	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		5			109919	05/12/25 14:06	CH	EET MID

Client Sample ID: T-11 (4')

Lab Sample ID: 880-57969-45
Matrix: Solid
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 01:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 01:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 02:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:11	CH	EET MID

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-57969-46
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 02:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 02:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 02:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:17	CH	EET MID

Client Sample ID: T-12 (2')

Lab Sample ID: 880-57969-47
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 02:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 02:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 02:35	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-12 (2')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:32	CH	EET MID

Client Sample ID: T-12 (3')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 02:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 02:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 02:50	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:37	CH	EET MID

Client Sample ID: T-12 (4')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-49
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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 03:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 03:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:53	CH	EET MID

Client Sample ID: T-13 (0-1')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-50
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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 03:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 03:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 03:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 03:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:58	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-13 (2')

Lab Sample ID: 880-57969-51
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 05:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 18:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 18:32	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:07	CH	EET MID

Client Sample ID: T-13 (3')

Lab Sample ID: 880-57969-52
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 05:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 19:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 19:16	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:28	CH	EET MID

Client Sample ID: T-14 (0-1')

Lab Sample ID: 880-57969-53
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 06:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 06:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 19:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 19:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:35	CH	EET MID

Client Sample ID: T-14 (2')

Lab Sample ID: 880-57969-54
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 06:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 06:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-14 (2')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-54
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			109947	05/10/25 19:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 19:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:42	CH	EET MID

Client Sample ID: T-14 (3')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-55
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			5.01 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 06:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 20:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 20:01	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:49	CH	EET MID

Client Sample ID: T-15 (0-1')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-56
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			4.98 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 07:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 20:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 20:16	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 13:11	CH	EET MID

Client Sample ID: T-15 (2')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-57
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			5.03 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 07:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 20:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 20:31	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-15 (2')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-57
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	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		5			109942	05/13/25 13:18	CH	EET MID

Client Sample ID: T-15 (3')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-58
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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 07:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 20:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 20:45	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:57	CH	EET MID

Client Sample ID: T-15 (4')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-59
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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 08:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 08:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 21:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 21:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 13:32	CH	EET MID

Client Sample ID: T-16 (0-1')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-60
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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 08:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 08:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 21:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 21:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		5			109942	05/13/25 13:39	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-16 (2')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-61
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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 21:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 21:44	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		5			109942	05/13/25 13:46	CH	EET MID

Client Sample ID: T-16 (3')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-62
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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 21:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:07	CH	EET MID

Client Sample ID: T-16 (4')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-63
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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 22:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 22:14	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:14	CH	EET MID

Client Sample ID: T-17 (0-1')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-64
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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 21:03	SM	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (0-1')

Lab Sample ID: 880-57969-64
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

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			109947	05/10/25 22:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 22:28	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:36	CH	EET MID

Client Sample ID: T-17 (2')

Lab Sample ID: 880-57969-65
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 21:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 22:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 22:44	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		5			109942	05/13/25 14:43	CH	EET MID

Client Sample ID: T-17 (3')

Lab Sample ID: 880-57969-66
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 23:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 22:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 22:58	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:50	CH	EET MID

Client Sample ID: T-17 (4')

Lab Sample ID: 880-57969-67
Matrix: Solid
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Prep 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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 23:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 23:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 23:14	TKC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (4')

Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-67
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			4.98 g	50 mL	109847	05/09/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			109970	05/12/25 21:58	CH	EET MID

Client Sample ID: T-17 (5')

Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-68
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			4.95 g	5 mL	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 23:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 23:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 23:28	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109847	05/09/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			109970	05/12/25 22:13	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 Paduca Booster

Job ID: 880-57969-1
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 Paduca Booster

Job ID: 880-57969-1
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 Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57969-1	T-1 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-2	T-1 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-3	T-1 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-4	T-1 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-5	T-2 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-6	T-2 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-7	T-2 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-8	T-2 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-9	T-3 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-10	T-3 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-11	T-3 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-12	T-3 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-13	T-4 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-14	T-4 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-15	T-4 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-16	T-4 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-17	T-4 (5')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-18	T-5 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-19	T-5 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-20	T-5 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-21	T-5 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-22	T-6 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-23	T-6 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-24	T-6 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-25	T-6 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-26	T-6 (5')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-27	T-6 (6')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-28	T-7 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-29	T-7 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-30	T-7 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-31	T-7 (4')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-32	T-8 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-33	T-8 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-34	T-8 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-35	T-9 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-36	T-9 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-37	T-9 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-38	T-10 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-39	T-10 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-40	T-10 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-41	T-10 (4')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-42	T-11 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-43	T-11 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-44	T-11 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-45	T-11 (4')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-46	T-12 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-47	T-12 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-48	T-12 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-49	T-12 (4')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-50	T-13 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-51	T-13 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-52	T-13 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-53	T-14 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-54	T-14 (2')	Solid	05/08/25 00:00	05/09/25 10:06

Sample Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57969-55	T-14 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-56	T-15 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-57	T-15 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-58	T-15 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-59	T-15 (4')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-60	T-16 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-61	T-16 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-62	T-16 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-63	T-16 (4')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-64	T-17 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-65	T-17 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-66	T-17 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-67	T-17 (4')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-68	T-17 (5')	Solid	05/08/25 00:00	05/09/25 10:06

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Chain of Custody

880-57969 Chain of Custody

5/13/2025

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

Work Order Comments

Program: UST/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 Paduca Booster	Turn Around	Pres. Code
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	0.5
Total Containers:		Corrected Temperature:	0.4

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
T-1 (0-1')	5/6/2025		X		G	1	X	X	X	
T-1 (2')	5/6/2025		X		G	1	X	X	X	
T-1 (3')	5/6/2025		X		G	1	X	X	X	
T-1 (4')	5/6/2025		X		G	1	X	X	X	
T-2 (0-1')	5/6/2025		X		G	1	X	X	X	
T-2 (2')	5/6/2025		X		G	1	X	X	X	
T-2 (3')	5/6/2025		X		G	1	X	X	X	
T-2 (4')	5/6/2025		X		G	1	X	X	X	
T-3 (0-1')	5/6/2025		X		G	1	X	X	X	
T-3 (2')	5/6/2025		X		G	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		5.9.25
			1006

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Received by OCD: 12/3/2025 1:34:09 PM

Released to Imaging: 12/15/2025 3:51:36 PM

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Chain of Custody

Work Order No: _____

5/13/2025

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

Work Order Comments

Program: UST/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 Paduca Booster	Turn Around	
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
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-3 (3')	5/6/2025		X		G	1			X	X	X	
T-3 (4')	5/6/2025		X		G	1			X	X	X	
T-4 (0-1')	5/6/2025		X		G	1			X	X	X	
T-4 (2')	5/6/2025		X		G	1			X	X	X	
T-4 (3')	5/6/2025		X		G	1			X	X	X	
T-4 (4')	5/6/2025		X		G	1			X	X	X	
T-4 (5')	5/6/2025		X		G	1			X	X	X	
T-5 (0-1')	5/6/2025		X		G	1			X	X	X	
T-5 (2')	5/6/2025		X		G	1			X	X	X	
T-5 (3')	5/6/2025		X		G	1			X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		

Received by OCD: 12/3/2025 1:34:09 PM

Released to Imaging: 12/15/2025 3:51:36 PM

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Chain of Custody

Work Order No: _____

5/13/2025

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ perfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
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 (4')	5/6/2025		X		G	1		X	X	X	
T-6 (0-1')	5/6/2025		X		G	1		X	X	X	
T-6 (2')	5/6/2025		X		G	1		X	X	X	
T-6 (3')	5/6/2025		X		G	1		X	X	X	
T-6 (4')	5/6/2025		X		G	1		X	X	X	
T-6 (5')	5/6/2025		X		G	1		X	X	X	
T-6 (6')	5/6/2025		X		G	1		X	X	X	
T-7 (0-1')	5/7/2025		X		G	1		X	X	X	
T-7 (2')	5/7/2025		X		G	1		X	X	X	
T-7 (3')	5/7/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	12/3		
	12/3/25		

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Chain of Custody

Work Order No: _____

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

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 Paduca Booster	Turn Around	
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
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-7 (4')	5/7/2025		X		G	1			X	X	X	
T-8 (0-1')	5/7/2025		X		G	1			X	X	X	
T-8 (2')	5/7/2025		X		G	1			X	X	X	
T-8 (3')	5/7/2025		X		G	1			X	X	X	
T-9 (0-1')	5/7/2025		X		G	1			X	X	X	
T-9 (2')	5/7/2025		X		G	1			X	X	X	
T-9 (3')	5/7/2025		X		G	1			X	X	X	
T-10 (0-1')	5/7/2025		X		G	1			X	X	X	
T-10 (2')	5/7/2025		X		G	1			X	X	X	
T-10 (3')	5/7/2025		X		G	1			X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		

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Work Order No: _____

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

Work Order Comments

Program: UST/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 Paduca Booster	Turn Around	
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
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-10 (4')	5/7/2025		X		G	1		X	X	X	
T-11 (0-1')	5/7/2025		X		G	1		X	X	X	
T-11 (2')	5/7/2025		X		G	1		X	X	X	
T-11 (3')	5/7/2025		X		G	1		X	X	X	
T-11 (4')	5/7/2025		X		G	1		X	X	X	
T-12 (0-1')	5/8/2025		X		G	1		X	X	X	
T-12 (2')	5/8/2025		X		G	1		X	X	X	
T-12 (3')	5/8/2025		X		G	1		X	X	X	
T-12 (4')	5/8/2025		X		G	1		X	X	X	
T-13 (0-1')	5/8/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		

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Received by OCD: 12/3/2025 1:34:09 PM

Released to Imaging: 12/15/2025 3:51:36 PM

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Chain of Custody

Work Order No: _____

5/13/2025

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

Work Order Comments

Program: UST/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 Paduca Booster	Turn Around	
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
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-13 (2')	5/8/2025		X		G	1			X	X	X	
T-13 (3')	5/8/2025		X		G	1			X	X	X	
T-14 (0-1')	5/8/2025		X		G	1			X	X	X	
T-14 (2')	5/8/2025		X		G	1			X	X	X	
T-14 (3')	5/8/2025		X		G	1			X	X	X	
T-15 (0-1')	5/8/2025		X		G	1			X	X	X	
T-15 (2')	5/8/2025		X		G	1			X	X	X	
T-15 (3')	5/8/2025		X		G	1			X	X	X	
T-15 (4')	5/8/2025		X		G	1			X	X	X	
T-16 (0-1')	5/8/2025		X		G	1			X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		

Received by OCD: 12/3/2025 1:34:09 PM

Released to Imaging: 12/15/2025 3:51:36 PM

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Chain of Custody

Work Order No: _____

5/13/2025

Page 7 of 7

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

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JR & CRM		
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-16 (2')	5/8/2025		X		G	1		X	X	X	
T-16 (3')	5/8/2025		X		G	1		X	X	X	
T-16 (4')	5/8/2025		X		G	1		X	X	X	
T-17 (0-1')	5/8/2025		X		G	1		X	X	X	
T-17 (2')	5/8/2025		X		G	1		X	X	X	
T-17 (3')	5/8/2025		X		G	1		X	X	X	
T-17 (4')	5/8/2025		X		G	1		X	X	X	
T-17 (5')	5/8/2025		X		G	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57969-1
SDG Number: Lea County New Mexico

Login Number: 57969
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 10/22/2025 4:35:24 PM

JOB DESCRIPTION

NGL Paduca Booster
Lea County, New Mexico

JOB NUMBER

880-63976-1

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

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Laboratory Job ID: 880-63976-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Glossary (Continued)

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

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-63976-1

Job ID: 880-63976-1 Eurofins Midland

Job Narrative
880-63976-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/17/2025 3:27 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 -0.6°C.

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121342, 880-121475 and 880-121477 and analytical batch 880-121426 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS 41 (3') (880-63976-41), CS 43 (3') (880-63976-43), CS 45 (2') (880-63976-45), CS 46 (2') (880-63976-46), CS 47 (2') (880-63976-47), CS 48 (2') (880-63976-48), CS 49 (2') (880-63976-49), CS 50 (2') (880-63976-50), CS 52 (2') (880-63976-52), CS 53 (2') (880-63976-53), CS 54 (2') (880-63976-54), CS 57 (2') (880-63976-57), CS 58 (2') (880-63976-58), CS 60 (2') (880-63976-60), CS-81 (2') (880-63976-81), CS-82 (2') (880-63976-82), CS-83 (2') (880-63976-83), CS-84 (6') (880-63976-84), CS-85 (6') (880-63976-85), CS-88 (6') (880-63976-88), CS-89 (6') (880-63976-89), CS-94 (6') (880-63976-94), CS-95 (6') (880-63976-95), CS-96 (6') (880-63976-96), CS-97 (6') (880-63976-97), CS-98 (6') (880-63976-98), CS-99 (6') (880-63976-99) and CS-100 (6') (880-63976-100). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-121477 and analytical batch 880-121426 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-121474 and analytical batch 880-121424 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: Surrogate recovery for the following samples were outside control limits: CS 21 (5') (880-63976-21), CS 22 (5') (880-63976-22), CS 25 (3') (880-63976-25), CS 26 (3') (880-63976-26), CS 27 (3') (880-63976-27), CS 28 (3') (880-63976-28), CS 30 (3') (880-63976-30), CS 36 (3') (880-63976-36), CS 37 (3') (880-63976-37), CS 40 (3') (880-63976-40), CS 61 (2') (880-63976-61), CS 63 (2') (880-63976-63), CS 65 (2') (880-63976-65), CS-66 (2') (880-63976-66), CS-70 (2') (880-63976-70), CS-71 (2') (880-63976-71), CS-72 (2') (880-63976-72), CS-73 (2') (880-63976-73), CS-74 (2') (880-63976-74), CS-75 (2') (880-63976-75), CS-76 (2') (880-63976-76), CS-78 (2') (880-63976-78), CS-79 (2') (880-63976-79), CS-80 (2') (880-63976-80), (CCV 880-121424/2), (CCV 880-121424/20), (CCV 880-121424/51), (CCV 880-121424/64), (CCV 880-121424/82), (LCS 880-121476/1-A) and (LCSD 880-121476/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121341, 880-121474 and 880-121476 and analytical batch 880-121424 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-121476 and analytical batch 880-121424 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.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-63976-1

Job ID: 880-63976-1 (Continued) Eurofins Midland

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCSD 880-121474/2-A), (880-63976-A-21-A MS) and (880-63976-A-21-B MSD). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-41 (3') (880-63976-141), SW-42 (3') (880-63976-142), SW-43 (2') (880-63976-143), SW-44 (4') (880-63976-144), SW-45 (2') (880-63976-145), SW-46 (2') (880-63976-146), SW-47 (2') (880-63976-147), SW-48 (2') (880-63976-148), SW-49 (2') (880-63976-149), SW-50 (2') (880-63976-150), (CCV 880-121505/2), (LCS 880-121480/1-A), (LCSD 880-121480/2-A), (880-63976-A-141-A MS) and (880-63976-A-141-B MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121480 and analytical batch 880-121505 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121617 and analytical batch 880-121619 was outside the control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-51 (2') (880-63976-151), SW-52 (2') (880-63976-152), SW-53 (6') (880-63976-153), SW-54 (6') (880-63976-154), SW-55 (6') (880-63976-155) and SW-56 (6') (880-63976-156). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-121513/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-80 (2') (880-63976-80) and CS-86 (6') (880-63976-86). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-17 (3') (880-63976-117), SW-18 (3') (880-63976-118), SW-19 (3') (880-63976-119), SW-20 (3') (880-63976-120), SW-21 (3') (880-63976-121), SW-22 (3') (880-63976-122), SW-23 (3') (880-63976-123), SW-24 (3') (880-63976-124) and (LCSD 880-121544/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-12 (5') (880-63976-112), SW-13 (5') (880-63976-113), SW-14 (5') (880-63976-114), SW-15 (3') (880-63976-115) and SW-16 (3') (880-63976-116). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-121452 recovered below the control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-121452/133).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS 4 (3') (880-63976-4), CS 6 (3') (880-63976-6), CS 7 (3') (880-63976-7) and CS 12 (5') (880-63976-12). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS 24 (3') (880-63976-24), CS 26 (3') (880-63976-26) and CS 31 (3') (880-63976-31). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-63976-A-131-F MS) and (880-63976-A-131-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-31 (3') (880-63976-131), SW-32 (3') (880-63976-132), SW-33 (3') (880-63976-133), SW-34 (3') (880-63976-134), SW-35 (3') (880-63976-135), SW-36 (3') (880-63976-136), SW-37 (3') (880-63976-137), SW-38 (3') (880-63976-138), SW-40 (3') (880-63976-140), SW-41 (3') (880-63976-141), SW-42 (3') (880-63976-142), SW-43 (2') (880-63976-143), SW-44 (4') (880-63976-144), SW-45 (2') (880-63976-145), SW-46 (2') (880-63976-146), SW-47 (2') (880-63976-147), SW-48 (2') (880-63976-148), SW-49 (2') (880-63976-149) and SW-50 (2') (880-63976-150). Evidence of matrix interferences is not obvious.

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-63976-1

Job ID: 880-63976-1 (Continued) Eurofins Midland

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-39 (3') (880-63976-139) and (LCS 880-121546/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS 69 (2') (880-63976-69), CS-71 (2') (880-63976-71), CS-91 (6') (880-63976-91), CS-92 (6') (880-63976-92), CS-94 (6') (880-63976-94), CS-99 (6') (880-63976-99), SW-1 (3') (880-63976-101), SW-2 (3') (880-63976-102), SW-4 (3') (880-63976-104), SW-5 (3') (880-63976-105), SW-6 (3') (880-63976-106), SW-7 (5') (880-63976-107), SW-8 (5') (880-63976-108), SW-10 (5') (880-63976-110), (880-63976-A-91-F MS) and (880-63976-A-91-G MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121556 and analytical batch 880-121687 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 continuing calibration verification (CCV) associated with batch 880-121687 recovered outside the control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour limit, therefore the data has been qualified and reported. The associated sample is:(CCV 880-121687/59).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SW-52 (2') (880-63976-152), SW-57 (6') (880-63976-157), SW-58 (4') (880-63976-158), SW-59 (6') (880-63976-159), SW-60 (6') (880-63976-160), SW-63 (6') (880-63976-163) and (LCSD 880-121556/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS 48 (2') (880-63976-48), CS 49 (2') (880-63976-49), CS 53 (2') (880-63976-53), CS 56 (2') (880-63976-56), CS 58 (2') (880-63976-58) and CS 59 (2') (880-63976-59). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-121483 and analytical batch 880-121753 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.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121486 and analytical batch 880-121541 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 880-121487 and analytical batch 880-121543 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 880-121490 and analytical batch 880-121548 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 and precision for preparation batch 880-121493 and analytical batch 880-121569 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 for preparation batch 880-121491 and analytical batch 880-121568 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 880-121489 and analytical batch 880-121547 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)

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-63976-1

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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 Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 1 (3')

Lab Sample ID: 880-63976-1
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:27	10/17/25 22:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:27	10/17/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/17/25 15:27*	*10/17/25 22:37*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:27*	*10/17/25 22:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/17/25 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	<49.9	U	49.9		mg/Kg			10/17/25 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		10/17/25 15:32	10/17/25 20:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/17/25 20:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/17/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*10/17/25 15:32*	*10/17/25 20:46*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*10/17/25 15:32*	*10/17/25 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**202**	**F1**	10.1		mg/Kg			10/20/25 14:20	1

Client Sample ID: CS 2 (3')

Lab Sample ID: 880-63976-2
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:58	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:27	10/17/25 22:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:27	10/17/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/17/25 15:27*	*10/17/25 22:58*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:27*	*10/17/25 22:58*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 2 (3')

Lab Sample ID: 880-63976-2
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/25 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			10/17/25 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	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/17/25 21:32	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/17/25 21:32	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/17/25 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*10/17/25 15:32*	*10/17/25 21:32*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*10/17/25 15:32*	*10/17/25 21:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		10.0		mg/Kg			10/20/25 14:38	1

Client Sample ID: CS 3 (3')

Lab Sample ID: 880-63976-3
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/17/25 23:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/17/25 23:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/17/25 23:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:27	10/17/25 23:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/17/25 23:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:27	10/17/25 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:27*	*10/17/25 23:18*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:27*	*10/17/25 23:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/17/25 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	<49.8	U	49.8		mg/Kg			10/17/25 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	<49.8	U	49.8		mg/Kg		10/17/25 15:32	10/17/25 21:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:32	10/17/25 21:48	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 3 (3')

Lab Sample ID: 880-63976-3
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:32	10/17/25 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*70*		*70 - 130*	*10/17/25 15:32*	*10/17/25 21:48*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*10/17/25 15:32*	*10/17/25 21:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		10.1		mg/Kg			10/20/25 14:44	1

Client Sample ID: CS 4 (3')

Lab Sample ID: 880-63976-4
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/17/25 23:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:27	10/17/25 23:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:27	10/17/25 23:39	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:27	10/17/25 23:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:27	10/17/25 23:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:27	10/17/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/17/25 15:27*	*10/17/25 23:39*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:27*	*10/17/25 23:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/17/25 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	<50.0	U	50.0		mg/Kg			10/17/25 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/25 15:32	10/17/25 22:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/25 15:32	10/17/25 22:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/25 15:32	10/17/25 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*10/17/25 15:32*	*10/17/25 22:03*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*10/17/25 15:32*	*10/17/25 22:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		9.96		mg/Kg			10/20/25 14:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 5 (3')

Lab Sample ID: 880-63976-5
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/17/25 23:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/17/25 23:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/17/25 23:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/17/25 23:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/17/25 23:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/17/25 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:27*	*10/17/25 23:59*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:27*	*10/17/25 23:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/25 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	<50.1	U	50.1		mg/Kg			10/17/25 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/25 15:32	10/17/25 22:18	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/25 15:32	10/17/25 22:18	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/25 15:32	10/17/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*10/17/25 15:32*	*10/17/25 22:18*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*10/17/25 15:32*	*10/17/25 22:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.2**		9.92		mg/Kg			10/20/25 14:55	1

Client Sample ID: CS 6 (3')

Lab Sample ID: 880-63976-6
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 00:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 00:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 00:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:27	10/18/25 00:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 00:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:27	10/18/25 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:27*	*10/18/25 00:20*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:27*	*10/18/25 00:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 6 (3')

Lab Sample ID: 880-63976-6
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 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	<49.6	U	49.6		mg/Kg			10/17/25 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	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/17/25 22:33	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/17/25 22:33	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/17/25 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*169*	*S1+*	*70 - 130*	*10/17/25 15:32*	*10/17/25 22:33*	*1*
o-Terphenyl (Surr)	*181*	*S1+*	*70 - 130*	*10/17/25 15:32*	*10/17/25 22:33*	*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			10/20/25 15:13	1

Client Sample ID: CS 7 (3')

Lab Sample ID: 880-63976-7
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/18/25 00:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 00:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 00:40	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:27	10/18/25 00:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 00:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:27	10/18/25 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:27*	*10/18/25 00:40*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:27*	*10/18/25 00:40*	*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			10/18/25 00:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/25 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/25 15:32	10/17/25 22:49	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/25 15:32	10/17/25 22:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 7 (3')

Lab Sample ID: 880-63976-7
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/25 15:32	10/17/25 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*10/17/25 15:32*	*10/17/25 22:49*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*10/17/25 15:32*	*10/17/25 22:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		9.92		mg/Kg			10/20/25 15:19	1

Client Sample ID: CS 8 (3')

Lab Sample ID: 880-63976-8
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 01:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 01:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 01:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/18/25 01:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 01:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/18/25 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:27*	*10/18/25 01:01*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:27*	*10/18/25 01:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 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	<49.7	U	49.7		mg/Kg			10/17/25 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		10/17/25 15:32	10/17/25 23:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:32	10/17/25 23:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:32	10/17/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*10/17/25 15:32*	*10/17/25 23:04*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*10/17/25 15:32*	*10/17/25 23:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		9.90		mg/Kg			10/20/25 15:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 9 (3')

Lab Sample ID: 880-63976-9
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/18/25 01:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 01:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 01:21	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:27	10/18/25 01:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 01:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:27	10/18/25 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/17/25 15:27*	*10/18/25 01:21*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:27*	*10/18/25 01:21*	*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			10/18/25 01:21	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			10/17/25 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	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/17/25 23:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/17/25 23:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/17/25 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*10/17/25 15:32*	*10/17/25 23:19*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*10/17/25 15:32*	*10/17/25 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		9.96		mg/Kg			10/20/25 15:30	1

Client Sample ID: CS 10 (3')

Lab Sample ID: 880-63976-10
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/18/25 01:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 01:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 01:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:27	10/18/25 01:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 01:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:27	10/18/25 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:27*	*10/18/25 01:42*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/17/25 15:27*	*10/18/25 01:42*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 10 (3')

Lab Sample ID: 880-63976-10
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 01:42	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			10/17/25 23:34	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		10/17/25 15:32	10/17/25 23:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:32	10/17/25 23:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/25 15:32	10/17/25 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*10/17/25 15:32*	*10/17/25 23:34*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*10/17/25 15:32*	*10/17/25 23:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		9.94		mg/Kg			10/20/25 15:36	1

Client Sample ID: CS 11 (5')

Lab Sample ID: 880-63976-11
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/18/25 03:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:27	10/18/25 03:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:27	10/18/25 03:15	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:27	10/18/25 03:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:27	10/18/25 03:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:27	10/18/25 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:27*	*10/18/25 03:15*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:27*	*10/18/25 03:15*	*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			10/18/25 03:15	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			10/18/25 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		10/17/25 15:32	10/18/25 00:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:32	10/18/25 00:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 11 (5')

Lab Sample ID: 880-63976-11
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:32	10/18/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*10/17/25 15:32*	*10/18/25 00:04*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*10/17/25 15:32*	*10/18/25 00:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**165**	**F1**	9.92		mg/Kg			10/20/25 15:42	1

Client Sample ID: CS 12 (5')

Lab Sample ID: 880-63976-12
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/18/25 03:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 03:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 03:35	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:27	10/18/25 03:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 03:35	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:27	10/18/25 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/17/25 15:27*	*10/18/25 03:35*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:27*	*10/18/25 03:35*	*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			10/18/25 03:35	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			10/18/25 00:19	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		10/17/25 15:32	10/18/25 00:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/25 15:32	10/18/25 00:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/25 15:32	10/18/25 00:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*155*	*S1+*	*70 - 130*	*10/17/25 15:32*	*10/18/25 00:19*	*1*
o-Terphenyl (Surr)	*165*	*S1+*	*70 - 130*	*10/17/25 15:32*	*10/18/25 00:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		10.0		mg/Kg			10/20/25 16:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 13 (5')

Lab Sample ID: 880-63976-13
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/18/25 03:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 03:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 03:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:27	10/18/25 03:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:27	10/18/25 03:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:27	10/18/25 03:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:27*	*10/18/25 03:56*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:27*	*10/18/25 03:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/25 03:56	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			10/18/25 00:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/25 15:32	10/18/25 00:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:32	10/18/25 00:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:32	10/18/25 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*10/17/25 15:32*	*10/18/25 00:35*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*10/17/25 15:32*	*10/18/25 00:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**176**		10.1		mg/Kg			10/20/25 16:06	1

Client Sample ID: CS 14 (5')

Lab Sample ID: 880-63976-14
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:27	10/18/25 04:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 04:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 04:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:27	10/18/25 04:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:27	10/18/25 04:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:27	10/18/25 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:27*	*10/18/25 04:16*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:27*	*10/18/25 04:16*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 14 (5')

Lab Sample ID: 880-63976-14
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 04:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/25 00:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/18/25 00:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/18/25 00:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/18/25 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*10/17/25 15:32*	*10/18/25 00:50*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*10/17/25 15:32*	*10/18/25 00:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**186**		9.94		mg/Kg			10/20/25 16:23	1

Client Sample ID: CS 15 (5')

Lab Sample ID: 880-63976-15
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 04:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 04:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 04:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/18/25 04:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 04:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/18/25 04:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:27*	*10/18/25 04:37*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:27*	*10/18/25 04:37*	*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			10/18/25 04:37	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			10/18/25 01:06	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	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/18/25 01:06	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/18/25 01:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 15 (5')

Lab Sample ID: 880-63976-15
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/18/25 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*10/17/25 15:32*	*10/18/25 01:06*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*10/17/25 15:32*	*10/18/25 01:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**195**		9.96		mg/Kg			10/20/25 16:29	1

Client Sample ID: CS 16 (5')

Lab Sample ID: 880-63976-16
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 04:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 04:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 04:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/18/25 04:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 04:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/18/25 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:27*	*10/18/25 04:57*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:27*	*10/18/25 04:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 04:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/18/25 01:20	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		10/17/25 15:32	10/18/25 01:20	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/25 15:32	10/18/25 01:20	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/25 15:32	10/18/25 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*10/17/25 15:32*	*10/18/25 01:20*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*10/17/25 15:32*	*10/18/25 01:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**187**		9.92		mg/Kg			10/20/25 16:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 17 (5')

Lab Sample ID: 880-63976-17
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 05:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 05:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 05:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:27	10/18/25 05:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 05:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:27	10/18/25 05:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/17/25 15:27*	*10/18/25 05:18*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:27*	*10/18/25 05:18*	*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			10/18/25 05:18	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			10/18/25 01:36	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		10/17/25 15:32	10/18/25 01:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:32	10/18/25 01:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:32	10/18/25 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*10/17/25 15:32*	*10/18/25 01:36*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*10/17/25 15:32*	*10/18/25 01:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**181**		9.94		mg/Kg			10/20/25 17:12	1

Client Sample ID: CS 18 (5')

Lab Sample ID: 880-63976-18
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 05:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 05:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 05:38	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/17/25 15:27	10/18/25 05:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 05:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/17/25 15:27	10/18/25 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:27*	*10/18/25 05:38*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:27*	*10/18/25 05:38*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 18 (5')

Lab Sample ID: 880-63976-18
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/25 05:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/25 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/18/25 01:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/18/25 01:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/18/25 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*10/17/25 15:32*	*10/18/25 01:51*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*10/17/25 15:32*	*10/18/25 01:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		9.96		mg/Kg			10/20/25 16:43	1

Client Sample ID: CS 19 (5')

Lab Sample ID: 880-63976-19
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 05:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 05:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 05:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/18/25 05:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:27	10/18/25 05:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:27	10/18/25 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:27*	*10/18/25 05:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:27*	*10/18/25 05:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 05:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/18/25 02:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/18/25 02:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:32	10/18/25 02:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 19 (5')

Lab Sample ID: 880-63976-19
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:32	10/18/25 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*10/17/25 15:32*	*10/18/25 02:06*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*10/17/25 15:32*	*10/18/25 02:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**192**		9.92		mg/Kg			10/20/25 16:48	1

Client Sample ID: CS 20 (5')

Lab Sample ID: 880-63976-20
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 06:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 06:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 06:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:27	10/18/25 06:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/18/25 06:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:27	10/18/25 06:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:27*	*10/18/25 06:19*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*10/17/25 15:27*	*10/18/25 06:19*	*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			10/18/25 06:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/18/25 02:21	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	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/18/25 02:21	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/18/25 02:21	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/25 15:32	10/18/25 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*10/17/25 15:32*	*10/18/25 02:21*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*10/17/25 15:32*	*10/18/25 02:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**187**		10.0		mg/Kg			10/20/25 16:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 21 (5')

Lab Sample ID: 880-63976-21
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:32	1
m,p-Xylenes	<0.00400	U *+	0.00400		mg/Kg		10/17/25 15:28	10/17/25 23:32	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:32	1
Xylenes, Total	<0.00400	U *+	0.00400		mg/Kg		10/17/25 15:28	10/17/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*236*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/17/25 23:32*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*10/17/25 15:28*	*10/17/25 23:32*	*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			10/17/25 23:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/22/25 00:15	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		10/17/25 15:36	10/22/25 00:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 00:15	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*10/17/25 15:36*	*10/22/25 00:15*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*10/17/25 15:36*	*10/22/25 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**196**	**F1**	9.96		mg/Kg			10/20/25 15:41	1

Client Sample ID: CS 22 (5')

Lab Sample ID: 880-63976-22
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:53	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		10/17/25 15:28	10/17/25 23:53	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:53	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/17/25 15:28	10/17/25 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/17/25 23:53*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:28*	*10/17/25 23:53*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 22 (5')

Lab Sample ID: 880-63976-22
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/25 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	<50.1	U	50.1		mg/Kg			10/22/25 01:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/25 15:36	10/22/25 01:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/25 15:36	10/22/25 01:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/25 15:36	10/22/25 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*10/17/25 15:36*	*10/22/25 01:01*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*10/17/25 15:36*	*10/22/25 01:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		9.96		mg/Kg			10/20/25 15:57	1

Client Sample ID: CS 23 (3')

Lab Sample ID: 880-63976-23
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 00:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 00:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 00:13	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		10/17/25 15:28	10/18/25 00:13	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/17/25 15:28	10/18/25 00:13	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		10/17/25 15:28	10/18/25 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:13*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:13*	*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			10/18/25 00:13	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			10/22/25 01:16	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		10/17/25 15:36	10/22/25 01:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 01:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 23 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-23
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		10/17/25 15:36	10/22/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*10/17/25 15:36*	*10/22/25 01:16*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*10/17/25 15:36*	*10/22/25 01:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.7**		9.92		mg/Kg			10/20/25 16:02	1

Client Sample ID: CS 24 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-24
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		10/17/25 15:28	10/18/25 00:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 00:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 00:33	1
m,p-Xylenes	<0.00404	U *+	0.00404		mg/Kg		10/17/25 15:28	10/18/25 00:33	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		10/17/25 15:28	10/18/25 00:33	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		10/17/25 15:28	10/18/25 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:33*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/18/25 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	<49.9	U	49.9		mg/Kg			10/22/25 01:32	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		10/17/25 15:36	10/22/25 01:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:36	10/22/25 01:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:36	10/22/25 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*161*	*S1+*	*70 - 130*	*10/17/25 15:36*	*10/22/25 01:32*	*1*
o-Terphenyl (Surr)	*172*	*S1+*	*70 - 130*	*10/17/25 15:36*	*10/22/25 01:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.7**		9.94		mg/Kg			10/20/25 16:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 25 (3')

Lab Sample ID: 880-63976-25
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 00:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 00:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 00:54	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 00:54	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/17/25 15:28	10/18/25 00:54	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:54*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*10/17/25 15:28*	*10/18/25 00:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 00:54	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			10/22/25 01:47	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		10/17/25 15:36	10/22/25 01:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:36	10/22/25 01:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/25 15:36	10/22/25 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*10/17/25 15:36*	*10/22/25 01:47*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*10/17/25 15:36*	*10/22/25 01:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		9.92		mg/Kg			10/20/25 16:13	1

Client Sample ID: CS 26 (3')

Lab Sample ID: 880-63976-26
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 01:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 01:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 01:14	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		10/17/25 15:28	10/18/25 01:14	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/17/25 15:28	10/18/25 01:14	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/17/25 15:28	10/18/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 01:14*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:28*	*10/18/25 01:14*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 26 (3')

Lab Sample ID: 880-63976-26
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 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	<50.0	U	50.0		mg/Kg			10/22/25 02:02	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		10/17/25 15:36	10/22/25 02:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/25 15:36	10/22/25 02:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/25 15:36	10/22/25 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*163*	*S1+*	*70 - 130*	*10/17/25 15:36*	*10/22/25 02:02*	*1*
o-Terphenyl (Surr)	*175*	*S1+*	*70 - 130*	*10/17/25 15:36*	*10/22/25 02:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**246**		10.0		mg/Kg			10/20/25 16:29	1

Client Sample ID: CS 27 (3')

Lab Sample ID: 880-63976-27
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 01:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 01:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 01:35	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		10/17/25 15:28	10/18/25 01:35	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/17/25 15:28	10/18/25 01:35	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		10/17/25 15:28	10/18/25 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*189*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 01:35*	*1*
1,4-Difluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 01:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/25 01:35	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			10/22/25 02:18	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	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 02:18	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 02:18	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 27 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-27
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)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*10/17/25 15:36*	*10/22/25 02:18*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*10/17/25 15:36*	*10/22/25 02:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**236**		10.1		mg/Kg			10/20/25 16:34	1

Client Sample ID: CS 28 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-28
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		10/17/25 15:28	10/18/25 01:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 01:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 01:55	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 01:55	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/17/25 15:28	10/18/25 01:55	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*10/17/25 15:28*	*10/18/25 01:55*	*1*
1,4-Difluorobenzene (Surr)	*57*	*S1-*	*70 - 130*	*10/17/25 15:28*	*10/18/25 01:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 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	<49.8	U	49.8		mg/Kg			10/22/25 02:33	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		10/17/25 15:36	10/22/25 02:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:36	10/22/25 02:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/25 15:36	10/22/25 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*10/17/25 15:36*	*10/22/25 02:33*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*10/17/25 15:36*	*10/22/25 02:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**243**		9.94		mg/Kg			10/20/25 16:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 29 (3')

Lab Sample ID: 880-63976-29
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 02:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 02:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 02:15	1
m,p-Xylenes	<0.00396	U *+	0.00396		mg/Kg		10/17/25 15:28	10/18/25 02:15	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		10/17/25 15:28	10/18/25 02:15	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		10/17/25 15:28	10/18/25 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*10/17/25 15:28*	*10/18/25 02:15*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*10/17/25 15:28*	*10/18/25 02:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/25 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	<50.2	U	50.2		mg/Kg			10/22/25 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	<50.2	U	50.2		mg/Kg		10/17/25 15:36	10/22/25 02:48	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/25 15:36	10/22/25 02:48	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/25 15:36	10/22/25 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*10/17/25 15:36*	*10/22/25 02:48*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*10/17/25 15:36*	*10/22/25 02:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**225**		9.92		mg/Kg			10/20/25 16:44	1

Client Sample ID: CS 30 (3')

Lab Sample ID: 880-63976-30
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 02:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 02:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 02:36	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		10/17/25 15:28	10/18/25 02:36	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/17/25 15:28	10/18/25 02:36	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		10/17/25 15:28	10/18/25 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*175*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 02:36*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*10/17/25 15:28*	*10/18/25 02:36*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 30 (3')

Lab Sample ID: 880-63976-30
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 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			10/22/25 03:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 03:03	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 03:03	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*10/17/25 15:36*	*10/22/25 03:03*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*10/17/25 15:36*	*10/22/25 03:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**223**		10.0		mg/Kg			10/20/25 16:50	1

Client Sample ID: CS 31 (3')

Lab Sample ID: 880-63976-31
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 04:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 04:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 04:10	1
m,p-Xylenes	<0.00404	U *+	0.00404		mg/Kg		10/17/25 15:28	10/18/25 04:10	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		10/17/25 15:28	10/18/25 04:10	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		10/17/25 15:28	10/18/25 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:28*	*10/18/25 04:10*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*10/17/25 15:28*	*10/18/25 04:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/18/25 04:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/22/25 03:34	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		10/17/25 15:36	10/22/25 03:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/25 15:36	10/22/25 03:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 31 (3')

Lab Sample ID: 880-63976-31
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:36	10/22/25 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*152*	*S1+*	*70 - 130*	*10/17/25 15:36*	*10/22/25 03:34*	*1*
o-Terphenyl (Surr)	*160*	*S1+*	*70 - 130*	*10/17/25 15:36*	*10/22/25 03:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**273**		10.0		mg/Kg			10/20/25 16:55	1

Client Sample ID: CS 32 (3')

Lab Sample ID: 880-63976-32
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 04:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 04:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 04:30	1
m,p-Xylenes	<0.00396	U *+	0.00396		mg/Kg		10/17/25 15:28	10/18/25 04:30	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		10/17/25 15:28	10/18/25 04:30	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		10/17/25 15:28	10/18/25 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*10/17/25 15:28*	*10/18/25 04:30*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/17/25 15:28*	*10/18/25 04:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/25 04:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/22/25 03:48	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		10/17/25 15:36	10/22/25 03:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 03:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*10/17/25 15:36*	*10/22/25 03:48*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*10/17/25 15:36*	*10/22/25 03:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		10.1		mg/Kg			10/20/25 17:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 33 (3')

Lab Sample ID: 880-63976-33
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 04:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 04:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 04:50	1
m,p-Xylenes	<0.00402	U *+	0.00402		mg/Kg		10/17/25 15:28	10/18/25 04:50	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/17/25 15:28	10/18/25 04:50	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		10/17/25 15:28	10/18/25 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*10/17/25 15:28*	*10/18/25 04:50*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/17/25 15:28*	*10/18/25 04:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/25 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/22/25 04:03	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	<49.6	U	49.6		mg/Kg		10/17/25 15:36	10/22/25 04:03	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/25 15:36	10/22/25 04:03	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/25 15:36	10/22/25 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*10/17/25 15:36*	*10/22/25 04:03*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*10/17/25 15:36*	*10/22/25 04:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**232**		9.94		mg/Kg			10/20/25 17:16	1

Client Sample ID: CS 34 (3')

Lab Sample ID: 880-63976-34
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 05:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 05:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 05:11	1
m,p-Xylenes	<0.00396	U *+	0.00396		mg/Kg		10/17/25 15:28	10/18/25 05:11	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		10/17/25 15:28	10/18/25 05:11	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		10/17/25 15:28	10/18/25 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:11*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 34 (3')

Lab Sample ID: 880-63976-34
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 05:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/22/25 04:19	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	<49.9	U	49.9		mg/Kg		10/17/25 15:36	10/22/25 04:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:36	10/22/25 04:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:36	10/22/25 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*10/17/25 15:36*	*10/22/25 04:19*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*10/17/25 15:36*	*10/22/25 04:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**217**		9.92		mg/Kg			10/20/25 17:32	1

Client Sample ID: CS 35 (3')

Lab Sample ID: 880-63976-35
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:31*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 05:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/22/25 04:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/25 15:36	10/22/25 04:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:36	10/22/25 04:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 35 (3')

Lab Sample ID: 880-63976-35
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:36	10/22/25 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*10/17/25 15:36*	*10/22/25 04:35*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*10/17/25 15:36*	*10/22/25 04:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**209**		10.0		mg/Kg			10/20/25 17:37	1

Client Sample ID: CS 36 (3')

Lab Sample ID: 880-63976-36
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 05:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 05:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 05:52	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 05:52	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/17/25 15:28	10/18/25 05:52	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 05:52*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 05:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/22/25 04:50	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		10/17/25 15:36	10/22/25 04:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:36	10/22/25 04:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/25 15:36	10/22/25 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*10/17/25 15:36*	*10/22/25 04:50*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*10/17/25 15:36*	*10/22/25 04:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**238**		10.0		mg/Kg			10/20/25 17:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 37 (3')

Lab Sample ID: 880-63976-37
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/17/25 15:28	10/18/25 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*164*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 06:12*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:12*	*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			10/18/25 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/22/25 05:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/25 15:36	10/22/25 05:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/25 15:36	10/22/25 05:05	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/25 15:36	10/22/25 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*10/17/25 15:36*	*10/22/25 05:05*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*10/17/25 15:36*	*10/22/25 05:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**219**		10.1		mg/Kg			10/20/25 17:47	1

Client Sample ID: CS 38 (3')

Lab Sample ID: 880-63976-38
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 06:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 06:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 06:33	1
m,p-Xylenes	<0.00401	U *+	0.00401		mg/Kg		10/17/25 15:28	10/18/25 06:33	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/17/25 15:28	10/18/25 06:33	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		10/17/25 15:28	10/18/25 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:33*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 38 (3')

Lab Sample ID: 880-63976-38
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/25 06:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/22/25 05:21	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	<49.6	U	49.6		mg/Kg		10/17/25 15:36	10/22/25 05:21	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/25 15:36	10/22/25 05:21	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/25 15:36	10/22/25 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*10/17/25 15:36*	*10/22/25 05:21*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*10/17/25 15:36*	*10/22/25 05:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		10.1		mg/Kg			10/20/25 17:53	1

Client Sample ID: CS 39 (3')

Lab Sample ID: 880-63976-39
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:53	1
m,p-Xylenes	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 06:53	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:53	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/17/25 15:28	10/18/25 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:53*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:53*	*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			10/18/25 06:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/22/25 05:36	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		10/17/25 15:36	10/22/25 05:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:36	10/22/25 05:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 39 (3')

Lab Sample ID: 880-63976-39
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:36	10/22/25 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*10/17/25 15:36*	*10/22/25 05:36*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*10/17/25 15:36*	*10/22/25 05:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**251**		9.94		mg/Kg			10/20/25 17:58	1

Client Sample ID: CS 40 (3')

Lab Sample ID: 880-63976-40
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:14	1
m,p-Xylenes	<0.00399	U *+	0.00399		mg/Kg		10/17/25 15:28	10/18/25 07:14	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:14	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/17/25 15:28	10/18/25 07:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 07:14*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/17/25 15:28*	*10/18/25 07:14*	*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			10/18/25 07:14	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			10/22/25 05:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/25 15:36	10/22/25 05:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:36	10/22/25 05:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:36	10/22/25 05:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*10/17/25 15:36*	*10/22/25 05:51*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*10/17/25 15:36*	*10/22/25 05:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**256**		9.96		mg/Kg			10/20/25 18:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 41 (3')

Lab Sample ID: 880-63976-41
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 00:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 00:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 00:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:28	10/18/25 00:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 00:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:28	10/18/25 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 00:16*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/18/25 00:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**186**		50.1		mg/Kg			10/22/25 09:57	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	<50.1	U	50.1		mg/Kg		10/17/25 15:40	10/22/25 09:57	1
Diesel Range Organics (Over C10-C28)	**186**	**F1**	50.1		mg/Kg		10/17/25 15:40	10/22/25 09:57	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/25 15:40	10/22/25 09:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*10/17/25 15:40*	*10/22/25 09:57*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*10/17/25 15:40*	*10/22/25 09:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**313**		10.1		mg/Kg			10/20/25 17:59	1

Client Sample ID: CS 42 (3')

Lab Sample ID: 880-63976-42
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 00:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 00:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 00:36	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:28	10/18/25 00:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 00:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:28	10/18/25 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:36*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:36*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 42 (3')

Lab Sample ID: 880-63976-42
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/22/25 10:43	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		10/17/25 15:40	10/22/25 10:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:40	10/22/25 10:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:40	10/22/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*10/17/25 15:40*	*10/22/25 10:43*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*10/17/25 15:40*	*10/22/25 10:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**308**		10.0		mg/Kg			10/20/25 18:16	1

Client Sample ID: CS 43 (3')

Lab Sample ID: 880-63976-43
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 00:57	1
Toluene	**0.00213**		0.00201		mg/Kg		10/17/25 15:28	10/18/25 00:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 00:57	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:28	10/18/25 00:57	1
o-Xylene	**0.00340**		0.00201		mg/Kg		10/17/25 15:28	10/18/25 00:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:28	10/18/25 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*405*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 00:57*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*10/17/25 15:28*	*10/18/25 00:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00553**		0.00402		mg/Kg			10/18/25 00:57	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			10/22/25 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/25 15:40	10/22/25 10:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/25 15:40	10/22/25 10:58	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 43 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-43
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)	<50.1	U	50.1		mg/Kg		10/17/25 15:40	10/22/25 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*10/17/25 15:40*	*10/22/25 10:58*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*10/17/25 15:40*	*10/22/25 10:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**308**		10.1		mg/Kg			10/20/25 18:22	1

Client Sample ID: CS 44 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-44
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		10/17/25 15:28	10/18/25 01:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 01:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 01:17	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:28	10/18/25 01:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 01:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:28	10/18/25 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/17/25 15:28*	*10/18/25 01:17*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/17/25 15:28*	*10/18/25 01:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/18/25 01:17	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			10/22/25 11:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/25 15:40	10/22/25 11:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:40	10/22/25 11:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/25 15:40	10/22/25 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*10/17/25 15:40*	*10/22/25 11:14*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*10/17/25 15:40*	*10/22/25 11:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**360**		9.96		mg/Kg			10/20/25 18:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 45 (2')

Lab Sample ID: 880-63976-45
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 01:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 01:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 01:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 01:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 01:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 01:38*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*10/17/25 15:28*	*10/18/25 01:38*	*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			10/18/25 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/22/25 11:29	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		10/17/25 15:40	10/22/25 11:29	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 11:29	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*10/17/25 15:40*	*10/22/25 11:29*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*10/17/25 15:40*	*10/22/25 11:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**293**		9.98		mg/Kg			10/20/25 18:34	1

Client Sample ID: CS 46 (2')

Lab Sample ID: 880-63976-46
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 01:58	1
Toluene	**0.00451**		0.00200		mg/Kg		10/17/25 15:28	10/18/25 01:58	1
Ethylbenzene	**0.00512**		0.00200		mg/Kg		10/17/25 15:28	10/18/25 01:58	1
m,p-Xylenes	**0.00670**		0.00399		mg/Kg		10/17/25 15:28	10/18/25 01:58	1
o-Xylene	**0.00218**		0.00200		mg/Kg		10/17/25 15:28	10/18/25 01:58	1
Xylenes, Total	**0.00888**		0.00399		mg/Kg		10/17/25 15:28	10/18/25 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*475*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 01:58*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*10/17/25 15:28*	*10/18/25 01:58*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 46 (2')

Lab Sample ID: 880-63976-46
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0185**		0.00399		mg/Kg			10/18/25 01:58	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			10/22/25 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/25 15:40	10/22/25 11:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:40	10/22/25 11:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:40	10/22/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*10/17/25 15:40*	*10/22/25 11:45*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*10/17/25 15:40*	*10/22/25 11:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**360**		9.94		mg/Kg			10/20/25 18:52	1

Client Sample ID: CS 47 (2')

Lab Sample ID: 880-63976-47
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 02:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 02:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 02:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:28	10/18/25 02:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 02:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:28	10/18/25 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*226*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 02:19*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*10/17/25 15:28*	*10/18/25 02:19*	*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			10/18/25 02:19	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			10/22/25 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 12:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 12:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 47 (2')

Lab Sample ID: 880-63976-47
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:40	10/22/25 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*10/17/25 15:40*	*10/22/25 12:00*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*10/17/25 15:40*	*10/22/25 12:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**354**		9.92		mg/Kg			10/20/25 18:58	1

Client Sample ID: CS 48 (2')

Lab Sample ID: 880-63976-48
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 02:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 02:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 02:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 02:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 02:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*150*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 02:39*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*10/17/25 15:28*	*10/18/25 02:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 02:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/22/25 12:16	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		10/17/25 15:40	10/22/25 12:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:40	10/22/25 12:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/25 15:40	10/22/25 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*	*10/17/25 15:40*	*10/22/25 12:16*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*10/17/25 15:40*	*10/22/25 12:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**323**		10.0		mg/Kg			10/20/25 19:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 49 (2')

Lab Sample ID: 880-63976-49
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 03:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 03:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 03:00	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:28	10/18/25 03:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 03:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:28	10/18/25 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*323*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 03:00*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*10/17/25 15:28*	*10/18/25 03:00*	*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			10/18/25 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/22/25 12:31	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	<49.6	U	49.6		mg/Kg		10/17/25 15:40	10/22/25 12:31	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/25 15:40	10/22/25 12:31	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/25 15:40	10/22/25 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*10/17/25 15:40*	*10/22/25 12:31*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*10/17/25 15:40*	*10/22/25 12:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**300**		10.1		mg/Kg			10/20/25 19:09	1

Client Sample ID: CS 50 (2')

Lab Sample ID: 880-63976-50
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 03:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 03:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 03:20	1
m,p-Xylenes	**0.00566**		0.00402		mg/Kg		10/17/25 15:28	10/18/25 03:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 03:20	1
Xylenes, Total	**0.00566**		0.00402		mg/Kg		10/17/25 15:28	10/18/25 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*332*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 03:20*	*1*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*10/17/25 15:28*	*10/18/25 03:20*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 50 (2')

Lab Sample ID: 880-63976-50
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00566**		0.00402		mg/Kg			10/18/25 03:20	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			10/22/25 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/25 15:40	10/22/25 12:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/25 15:40	10/22/25 12:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/25 15:40	10/22/25 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*10/17/25 15:40*	*10/22/25 12:47*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*10/17/25 15:40*	*10/22/25 12:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**306**		9.94		mg/Kg			10/20/25 19:15	1

Client Sample ID: CS 51 (2')

Lab Sample ID: 880-63976-51
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 05:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 05:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 05:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:28	10/18/25 05:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:28	10/18/25 05:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:28	10/18/25 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:10*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:10*	*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			10/18/25 05:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/22/25 13:29	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		10/17/25 15:40	10/22/25 13:29	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/25 15:40	10/22/25 13:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 51 (2')

Lab Sample ID: 880-63976-51
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/25 15:40	10/22/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*10/17/25 15:40*	*10/22/25 13:29*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*10/17/25 15:40*	*10/22/25 13:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**354**		9.92		mg/Kg			10/20/25 19:21	1

Client Sample ID: CS 52 (2')

Lab Sample ID: 880-63976-52
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 05:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 05:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:28	10/18/25 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*222*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 05:31*	*1*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/25 05:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/22/25 13:44	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		10/17/25 15:40	10/22/25 13:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 13:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*10/17/25 15:40*	*10/22/25 13:44*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*10/17/25 15:40*	*10/22/25 13:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**302**		9.96		mg/Kg			10/20/25 19:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 53 (2')

Lab Sample ID: 880-63976-53
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 05:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 05:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 05:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:28	10/18/25 05:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:28	10/18/25 05:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:28	10/18/25 05:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 05:51*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*10/17/25 15:28*	*10/18/25 05:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/25 05:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/22/25 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/25 15:40	10/22/25 13:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/25 15:40	10/22/25 13:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/25 15:40	10/22/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*148*	*S1+*	*70 - 130*	*10/17/25 15:40*	*10/22/25 13:59*	*1*
o-Terphenyl (Surr)	*158*	*S1+*	*70 - 130*	*10/17/25 15:40*	*10/22/25 13:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		9.98		mg/Kg			10/20/25 19:44	1

Client Sample ID: CS 54 (2')

Lab Sample ID: 880-63976-54
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:28	10/18/25 06:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:28	10/18/25 06:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:28	10/18/25 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*299*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 06:12*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 54 (2')

Lab Sample ID: 880-63976-54
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/22/25 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/25 15:40	10/22/25 14:15	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/25 15:40	10/22/25 14:15	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/25 15:40	10/22/25 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*10/17/25 15:40*	*10/22/25 14:15*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*10/17/25 15:40*	*10/22/25 14:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**277**		9.94		mg/Kg			10/20/25 20:02	1

Client Sample ID: CS 55 (2')

Lab Sample ID: 880-63976-55
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 06:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 06:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:32*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:32*	*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			10/18/25 06:32	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			10/22/25 14:31	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	<49.6	U	49.6		mg/Kg		10/17/25 15:40	10/22/25 14:31	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/25 15:40	10/22/25 14:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 55 (2')

Lab Sample ID: 880-63976-55
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/25 15:40	10/22/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*10/17/25 15:40*	*10/22/25 14:31*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*10/17/25 15:40*	*10/22/25 14:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**306**		10.1		mg/Kg			10/20/25 20:08	1

Client Sample ID: CS 56 (2')

Lab Sample ID: 880-63976-56
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 06:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 06:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 06:52*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*10/17/25 15:28*	*10/18/25 06:52*	*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			10/18/25 06:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/22/25 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	<50.2	U	50.2		mg/Kg		10/17/25 15:40	10/22/25 14:46	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/25 15:40	10/22/25 14:46	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/25 15:40	10/22/25 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*10/17/25 15:40*	*10/22/25 14:46*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*10/17/25 15:40*	*10/22/25 14:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**291**		10.0		mg/Kg			10/20/25 20:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 57 (2')

Lab Sample ID: 880-63976-57
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:28	10/18/25 07:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:28	10/18/25 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*235*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 07:13*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*10/17/25 15:28*	*10/18/25 07:13*	*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			10/18/25 07:13	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			10/22/25 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		10/17/25 15:40	10/22/25 15:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/25 15:40	10/22/25 15:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/25 15:40	10/22/25 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*10/17/25 15:40*	*10/22/25 15:01*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*10/17/25 15:40*	*10/22/25 15:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**262**		9.94		mg/Kg			10/20/25 20:20	1

Client Sample ID: CS 58 (2')

Lab Sample ID: 880-63976-58
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:33	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/17/25 15:28	10/18/25 07:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 07:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/17/25 15:28	10/18/25 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*354*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 07:33*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*10/17/25 15:28*	*10/18/25 07:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 58 (2')

Lab Sample ID: 880-63976-58
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/25 07:33	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			10/22/25 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 15:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 15:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*10/17/25 15:40*	*10/22/25 15:17*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*10/17/25 15:40*	*10/22/25 15:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		9.92		mg/Kg			10/20/25 20:26	1

Client Sample ID: CS 59 (2')

Lab Sample ID: 880-63976-59
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 07:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 07:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 07:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 07:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:28	10/18/25 07:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:28	10/18/25 07:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/17/25 15:28*	*10/18/25 07:54*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*10/17/25 15:28*	*10/18/25 07:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 07:54	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			10/22/25 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	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 15:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/25 15:40	10/22/25 15:32	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 59 (2')

Lab Sample ID: 880-63976-59
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:40	10/22/25 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*	*10/17/25 15:40*	*10/22/25 15:32*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*10/17/25 15:40*	*10/22/25 15:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**264**		9.90		mg/Kg			10/20/25 20:31	1

Client Sample ID: CS 60 (2')

Lab Sample ID: 880-63976-60
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 08:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 08:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 08:14	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:28	10/18/25 08:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/18/25 08:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:28	10/18/25 08:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/18/25 08:14*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*10/17/25 15:28*	*10/18/25 08:14*	*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			10/18/25 08:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/22/25 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/25 15:40	10/22/25 15:48	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/25 15:40	10/22/25 15:48	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/25 15:40	10/22/25 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*10/17/25 15:40*	*10/22/25 15:48*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*10/17/25 15:40*	*10/22/25 15:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		10.1		mg/Kg			10/20/25 20:37	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 61 (2')

Lab Sample ID: 880-63976-61
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:29	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:29	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:29	1
m,p-Xylenes	<0.00400	U F1 F2	0.00400		mg/Kg		10/17/25 15:29	10/18/25 10:29	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:29	1
Xylenes, Total	<0.00400	U F1 F2	0.00400		mg/Kg		10/17/25 15:29	10/18/25 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 10:29*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*10/17/25 15:29*	*10/18/25 10:29*	*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			10/18/25 10:29	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			10/20/25 12:22	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		10/20/25 08:42	10/20/25 12:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 12:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*10/20/25 08:42*	*10/20/25 12:22*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*10/20/25 08:42*	*10/20/25 12:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**257**	**F1**	10.1		mg/Kg			10/20/25 21:24	1

Client Sample ID: CS 62 (2')

Lab Sample ID: 880-63976-62
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 10:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:29*	*10/18/25 10:49*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:29*	*10/18/25 10:49*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 62 (2')

Lab Sample ID: 880-63976-62
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 10:49	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			10/20/25 12:37	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		10/20/25 08:42	10/20/25 12:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 08:42	10/20/25 12:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 08:42	10/20/25 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*10/20/25 08:42*	*10/20/25 12:37*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*10/20/25 08:42*	*10/20/25 12:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**235**		10.0		mg/Kg			10/20/25 21:42	1

Client Sample ID: CS 63 (2')

Lab Sample ID: 880-63976-63
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 11:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 11:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 11:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 11:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 11:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*40*	*S1-*	*70 - 130*	*10/17/25 15:29*	*10/18/25 11:10*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*10/17/25 15:29*	*10/18/25 11:10*	*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			10/18/25 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/20/25 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/25 08:42	10/20/25 12:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 08:42	10/20/25 12:52	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 63 (2')

Lab Sample ID: 880-63976-63
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 08:42	10/20/25 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*10/20/25 08:42*	*10/20/25 12:52*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*10/20/25 08:42*	*10/20/25 12:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		10.1		mg/Kg			10/20/25 21:48	1

Client Sample ID: CS 64 (2')

Lab Sample ID: 880-63976-64
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 11:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 11:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 11:30	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:29	10/18/25 11:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 11:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:29	10/18/25 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*10/17/25 15:29*	*10/18/25 11:30*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*10/17/25 15:29*	*10/18/25 11:30*	*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			10/18/25 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/20/25 13:07	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	<49.6	U	49.6		mg/Kg		10/20/25 08:42	10/20/25 13:07	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/20/25 08:42	10/20/25 13:07	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/20/25 08:42	10/20/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*10/20/25 08:42*	*10/20/25 13:07*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*10/20/25 08:42*	*10/20/25 13:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**279**		9.96		mg/Kg			10/20/25 21:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 65 (2')

Lab Sample ID: 880-63976-65
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 11:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 11:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 11:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 11:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 11:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*164*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 11:50*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:29*	*10/18/25 11:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 11:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/20/25 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	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 13:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 13:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*10/20/25 08:42*	*10/20/25 13:22*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*10/20/25 08:42*	*10/20/25 13:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		9.92		mg/Kg			10/20/25 22:00	1

Client Sample ID: CS-66 (2')

Lab Sample ID: 880-63976-66
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 12:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 12:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 12:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 12:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 12:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 12:11*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/17/25 15:29*	*10/18/25 12:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-66 (2')

Lab Sample ID: 880-63976-66
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/20/25 13:52	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	<50.2	U	50.2		mg/Kg		10/20/25 08:42	10/20/25 13:52	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/20/25 08:42	10/20/25 13:52	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/20/25 08:42	10/20/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*10/20/25 08:42*	*10/20/25 13:52*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*10/20/25 08:42*	*10/20/25 13:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		9.96		mg/Kg			10/20/25 22:17	1

Client Sample ID: CS 67 (2')

Lab Sample ID: 880-63976-67
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 12:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 12:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 12:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 12:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 12:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:29*	*10/18/25 12:31*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:29*	*10/18/25 12:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/25 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	<49.9	U	49.9		mg/Kg			10/20/25 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 14:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 14:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 67 (2')

Lab Sample ID: 880-63976-67
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 08:42	10/20/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*10/20/25 08:42*	*10/20/25 14:06*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*10/20/25 08:42*	*10/20/25 14:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**269**		9.94		mg/Kg			10/20/25 22:23	1

Client Sample ID: CS 68 (2')

Lab Sample ID: 880-63976-68
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 12:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 12:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 12:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 12:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 12:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:29*	*10/18/25 12:52*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*10/17/25 15:29*	*10/18/25 12:52*	*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			10/18/25 12:52	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			10/20/25 14:21	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		10/20/25 08:42	10/20/25 14:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 08:42	10/20/25 14:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 08:42	10/20/25 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*10/20/25 08:42*	*10/20/25 14:21*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*10/20/25 08:42*	*10/20/25 14:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**267**		9.92		mg/Kg			10/20/25 22:29	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 69 (2')

Lab Sample ID: 880-63976-69
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 13:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 13:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 13:12	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 13:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 13:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*10/17/25 15:29*	*10/18/25 13:12*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*10/17/25 15:29*	*10/18/25 13:12*	*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			10/18/25 13:12	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			10/20/25 14:36	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		10/20/25 08:42	10/20/25 14:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/20/25 08:42	10/20/25 14:36	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/20/25 08:42	10/20/25 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*10/20/25 08:42*	*10/20/25 14:36*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*10/20/25 08:42*	*10/20/25 14:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**289**		10.0		mg/Kg			10/20/25 22:35	1

Client Sample ID: CS-70 (2')

Lab Sample ID: 880-63976-70
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 13:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 13:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 13:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 13:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 13:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*193*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 13:33*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/17/25 15:29*	*10/18/25 13:33*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-70 (2')

Lab Sample ID: 880-63976-70
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 13:33	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			10/20/25 14:51	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		10/20/25 08:42	10/20/25 14:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 08:42	10/20/25 14:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 08:42	10/20/25 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*10/20/25 08:42*	*10/20/25 14:51*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*10/20/25 08:42*	*10/20/25 14:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**257**		10.1		mg/Kg			10/20/25 22:41	1

Client Sample ID: CS-71 (2')

Lab Sample ID: 880-63976-71
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 15:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 15:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 15:07	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:29	10/18/25 15:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 15:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:29	10/18/25 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*10/17/25 15:29*	*10/18/25 15:07*	*1*
1,4-Difluorobenzene (Surr)	*55*	*S1-*	*70 - 130*	*10/17/25 15:29*	*10/18/25 15:07*	*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			10/18/25 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/20/25 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/20/25 08:42	10/20/25 15:07	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/20/25 08:42	10/20/25 15:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-71 (2')

Lab Sample ID: 880-63976-71
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 08:42	10/20/25 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*10/20/25 08:42*	*10/20/25 15:07*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*10/20/25 08:42*	*10/20/25 15:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**289**		9.96		mg/Kg			10/20/25 22:47	1

Client Sample ID: CS-72 (2')

Lab Sample ID: 880-63976-72
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 15:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 15:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 15:27	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 15:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 15:27	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*45*	*S1-*	*70 - 130*	*10/17/25 15:29*	*10/18/25 15:27*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*10/17/25 15:29*	*10/18/25 15:27*	*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			10/18/25 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/20/25 15:21	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	49.7		mg/Kg		10/20/25 08:42	10/20/25 15:21	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 08:42	10/20/25 15:21	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 08:42	10/20/25 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*10/20/25 08:42*	*10/20/25 15:21*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*10/20/25 08:42*	*10/20/25 15:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**246**		9.92		mg/Kg			10/20/25 23:04	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-73 (2')

Lab Sample ID: 880-63976-73
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 15:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 15:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 15:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 15:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 15:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*10/17/25 15:29*	*10/18/25 15:48*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*10/17/25 15:29*	*10/18/25 15:48*	*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			10/18/25 15:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/20/25 15:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 15:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 15:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*10/20/25 08:42*	*10/20/25 15:37*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*10/20/25 08:42*	*10/20/25 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		10.0		mg/Kg			10/20/25 23:10	1

Client Sample ID: CS-74 (2')

Lab Sample ID: 880-63976-74
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 16:08	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 16:08	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 16:08	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 16:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 16:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/17/25 15:29*	*10/18/25 16:08*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*10/17/25 15:29*	*10/18/25 16:08*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-74 (2')

Lab Sample ID: 880-63976-74
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/20/25 15:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/20/25 08:42	10/20/25 15:51	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/20/25 08:42	10/20/25 15:51	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/20/25 08:42	10/20/25 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*10/20/25 08:42*	*10/20/25 15:51*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*10/20/25 08:42*	*10/20/25 15:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**246**		10.0		mg/Kg			10/20/25 23:28	1

Client Sample ID: CS-75 (2')

Lab Sample ID: 880-63976-75
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 16:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 16:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 16:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 16:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 16:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*52*	*S1-*	*70 - 130*	*10/17/25 15:29*	*10/18/25 16:29*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*10/17/25 15:29*	*10/18/25 16:29*	*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			10/18/25 16:29	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			10/20/25 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 16:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/25 08:42	10/20/25 16:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-75 (2')

Lab Sample ID: 880-63976-75
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 08:42	10/20/25 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*10/20/25 08:42*	*10/20/25 16:06*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*10/20/25 08:42*	*10/20/25 16:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**302**		10.1		mg/Kg			10/20/25 23:33	1

Client Sample ID: CS-76 (2')

Lab Sample ID: 880-63976-76
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 16:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 16:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 16:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 16:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 16:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/17/25 15:29*	*10/18/25 16:49*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/17/25 15:29*	*10/18/25 16:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 16:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/20/25 12:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 12:22	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 12:22	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*10/20/25 08:36*	*10/20/25 12:22*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*10/20/25 08:36*	*10/20/25 12:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**253**		9.94		mg/Kg			10/20/25 23:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-77 (2')

Lab Sample ID: 880-63976-77
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 17:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 17:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 17:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 17:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 17:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:09*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/20/25 12:37	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		10/20/25 08:36	10/20/25 12:37	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 12:37	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*10/20/25 08:36*	*10/20/25 12:37*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*10/20/25 08:36*	*10/20/25 12:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**229**		9.96		mg/Kg			10/20/25 23:45	1

Client Sample ID: CS-78 (2')

Lab Sample ID: 880-63976-78
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 17:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 17:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 17:30	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/17/25 15:29	10/18/25 17:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 17:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/17/25 15:29	10/18/25 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*181*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 17:30*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-78 (2')

Lab Sample ID: 880-63976-78
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/25 17:30	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			10/20/25 12:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/25 08:36	10/20/25 12:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 08:36	10/20/25 12:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 08:36	10/20/25 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*10/20/25 08:36*	*10/20/25 12:52*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*10/20/25 08:36*	*10/20/25 12:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**255**		10.1		mg/Kg			10/20/25 23:51	1

Client Sample ID: CS-79 (2')

Lab Sample ID: 880-63976-79
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 17:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 17:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 17:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 17:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 17:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 17:50*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 17:50	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			10/20/25 13:07	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	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 13:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 13:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-79 (2')

Lab Sample ID: 880-63976-79
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 08:36	10/20/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*10/20/25 08:36*	*10/20/25 13:07*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*10/20/25 08:36*	*10/20/25 13:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		9.96		mg/Kg			10/20/25 23:57	1

Client Sample ID: CS-80 (2')

Lab Sample ID: 880-63976-80
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 18:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 18:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 18:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 18:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 18:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:29*	*10/18/25 18:11*	*1*
1,4-Difluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*10/17/25 15:29*	*10/18/25 18:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 18:11	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			10/20/25 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	<50.0	U	50.0		mg/Kg		10/20/25 08:36	10/20/25 13:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 08:36	10/20/25 13:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 08:36	10/20/25 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*163*	*S1+*	*70 - 130*	*10/20/25 08:36*	*10/20/25 13:22*	*1*
o-Terphenyl (Surr)	*184*	*S1+*	*70 - 130*	*10/20/25 08:36*	*10/20/25 13:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**272**		10.0		mg/Kg			10/21/25 00:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-81 (2')

Lab Sample ID: 880-63976-81
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 11:53	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		10/17/25 15:29	10/18/25 11:53	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		10/17/25 15:29	10/18/25 11:53	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:29	10/18/25 11:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 11:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:29	10/18/25 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*238*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 11:53*	*1*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*10/17/25 15:29*	*10/18/25 11:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/18/25 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	<50.1	U	50.1		mg/Kg			10/20/25 13:52	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	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 13:52	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 13:52	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*10/20/25 08:36*	*10/20/25 13:52*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*10/20/25 08:36*	*10/20/25 13:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**214**	**F1**	9.98		mg/Kg			10/20/25 18:45	1

Client Sample ID: CS-82 (2')

Lab Sample ID: 880-63976-82
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 12:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 12:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 12:13*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*10/17/25 15:29*	*10/18/25 12:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-82 (2')

Lab Sample ID: 880-63976-82
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 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	<49.7	U	49.7		mg/Kg			10/20/25 14:06	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		10/20/25 08:36	10/20/25 14:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 14:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*10/20/25 08:36*	*10/20/25 14:06*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*10/20/25 08:36*	*10/20/25 14:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**206**		9.96		mg/Kg			10/20/25 19:01	1

Client Sample ID: CS-83 (2')

Lab Sample ID: 880-63976-83
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 12:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 12:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 12:34	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 12:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 12:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*220*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 12:34*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:29*	*10/18/25 12:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/25 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	<49.9	U	49.9		mg/Kg			10/20/25 14:21	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		10/20/25 08:36	10/20/25 14:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/25 08:36	10/20/25 14:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-83 (2')

Lab Sample ID: 880-63976-83
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 08:36	10/20/25 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*10/20/25 08:36*	*10/20/25 14:21*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*10/20/25 08:36*	*10/20/25 14:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		9.94		mg/Kg			10/20/25 19:06	1

Client Sample ID: CS-84 (6')

Lab Sample ID: 880-63976-84
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 12:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 12:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 12:54	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:29	10/18/25 12:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 12:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:29	10/18/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*173*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 12:54*	*1*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*	*10/17/25 15:29*	*10/18/25 12:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/18/25 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	<49.8	U	49.8		mg/Kg			10/20/25 14:36	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		10/20/25 08:36	10/20/25 14:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 08:36	10/20/25 14:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 08:36	10/20/25 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*10/20/25 08:36*	*10/20/25 14:36*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*10/20/25 08:36*	*10/20/25 14:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**264**		10.1		mg/Kg			10/20/25 19:11	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-85 (6')

Lab Sample ID: 880-63976-85
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 13:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 13:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 13:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 13:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 13:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*316*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 13:15*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/17/25 15:29*	*10/18/25 13:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 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	<50.1	U	50.1		mg/Kg			10/20/25 14:51	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	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 14:51	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 14:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 08:36	10/20/25 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*10/20/25 08:36*	*10/20/25 14:51*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*10/20/25 08:36*	*10/20/25 14:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**262**		10.0		mg/Kg			10/20/25 19:17	1

Client Sample ID: CS-86 (6')

Lab Sample ID: 880-63976-86
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 13:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 13:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 13:35	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 13:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 13:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*10/17/25 15:29*	*10/18/25 13:35*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*10/17/25 15:29*	*10/18/25 13:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-86 (6')

Lab Sample ID: 880-63976-86
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 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	<49.7	U	49.7		mg/Kg			10/20/25 15:07	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	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 15:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 15:07	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*	*10/20/25 08:36*	*10/20/25 15:07*	*1*
o-Terphenyl (Surr)	*150*	*S1+*	*70 - 130*	*10/20/25 08:36*	*10/20/25 15:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**237**		10.1		mg/Kg			10/20/25 19:32	1

Client Sample ID: CS-87 (6')

Lab Sample ID: 880-63976-87
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 13:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 13:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 13:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 13:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 13:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:29*	*10/18/25 13:56*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:29*	*10/18/25 13:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/25 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	<50.0	U	50.0		mg/Kg			10/20/25 15:21	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		10/20/25 08:36	10/20/25 15:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 08:36	10/20/25 15:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-87 (6')

Lab Sample ID: 880-63976-87
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 08:36	10/20/25 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*10/20/25 08:36*	*10/20/25 15:21*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*10/20/25 08:36*	*10/20/25 15:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**268**		9.94		mg/Kg			10/20/25 19:38	1

Client Sample ID: CS-88 (6')

Lab Sample ID: 880-63976-88
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 14:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 14:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 14:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 14:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 14:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 14:16*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:29*	*10/18/25 14:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 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	<49.6	U	49.6		mg/Kg			10/20/25 15:37	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		10/20/25 08:36	10/20/25 15:37	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/20/25 08:36	10/20/25 15:37	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/20/25 08:36	10/20/25 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*10/20/25 08:36*	*10/20/25 15:37*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*10/20/25 08:36*	*10/20/25 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**232**		9.96		mg/Kg			10/20/25 19:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-89 (6')

Lab Sample ID: 880-63976-89
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 14:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 14:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 14:36	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 14:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 14:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*275*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 14:36*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/17/25 15:29*	*10/18/25 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			10/18/25 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	<49.7	U	49.7		mg/Kg			10/20/25 15:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 15:51	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 15:51	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 08:36	10/20/25 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*10/20/25 08:36*	*10/20/25 15:51*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*10/20/25 08:36*	*10/20/25 15:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**213**		9.92		mg/Kg			10/20/25 19:48	1

Client Sample ID: CS-90 (6')

Lab Sample ID: 880-63976-90
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 14:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 14:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 14:57	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 14:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 14:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/17/25 15:29*	*10/18/25 14:57*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/17/25 15:29*	*10/18/25 16:48*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:29*	*10/18/25 14:57*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-90 (6')

Lab Sample ID: 880-63976-90
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*10/17/25 15:29*	*10/18/25 16:48*	*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			10/18/25 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	<49.9	U	49.9		mg/Kg			10/20/25 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/20/25 08:36	10/20/25 16:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/25 08:36	10/20/25 16:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/20/25 08:36	10/20/25 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*83*		*70 - 130*	*10/20/25 08:36*	*10/20/25 16:06*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*10/20/25 08:36*	*10/20/25 16:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**204**		9.90		mg/Kg			10/20/25 19:53	1

Client Sample ID: CS-91 (6')

Lab Sample ID: 880-63976-91
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 17:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 17:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 17:08	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:29	10/18/25 17:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:29	10/18/25 17:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:29	10/18/25 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:08*	*1*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/18/25 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	**112**		49.7		mg/Kg			10/20/25 18:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-91 (6')

Lab Sample ID: 880-63976-91
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: SW846 8015B 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		10/20/25 12:15	10/20/25 18:06	1
Diesel Range Organics (Over C10-C28)	**112**		49.7		mg/Kg		10/20/25 12:15	10/20/25 18:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 12:15	10/20/25 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*10/20/25 12:15*	*10/20/25 18:06*	*1*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 18:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		9.90		mg/Kg			10/20/25 19:58	1

Client Sample ID: CS-92 (6')

Lab Sample ID: 880-63976-92
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 17:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 17:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 17:29	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 17:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 17:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:29*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:29*	*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			10/18/25 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	<49.7	U	49.7		mg/Kg			10/20/25 18:50	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	<49.7	U	49.7		mg/Kg		10/20/25 12:15	10/20/25 18:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:15	10/20/25 18:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 12:15	10/20/25 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*140*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 18:50*	*1*
o-Terphenyl (Surr)	*151*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 18:50*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-92 (6')

Lab Sample ID: 880-63976-92
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		9.90		mg/Kg			10/20/25 20:14	1

Client Sample ID: CS-93 (6')

Lab Sample ID: 880-63976-93
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 17:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 17:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 17:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 17:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:29	10/18/25 17:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:29	10/18/25 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/17/25 15:29*	*10/18/25 17:49*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*10/17/25 15:29*	*10/18/25 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			10/18/25 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	<50.2	U	50.2		mg/Kg			10/20/25 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	<50.2	U	50.2		mg/Kg		10/20/25 12:15	10/20/25 19:06	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/20/25 12:15	10/20/25 19:06	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/20/25 12:15	10/20/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*10/20/25 12:15*	*10/20/25 19:06*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*10/20/25 12:15*	*10/20/25 19:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	224		9.92		mg/Kg			10/20/25 20:19	1

Client Sample ID: CS-94 (6')

Lab Sample ID: 880-63976-94
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:29	10/18/25 18:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 18:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 18:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-94 (6')

Lab Sample ID: 880-63976-94
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 18:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:29	10/18/25 18:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:29	10/18/25 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*345*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 18:10*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/17/25 15:29*	*10/18/25 18:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/25 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/20/25 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	<50.1	U	50.1		mg/Kg		10/20/25 12:15	10/20/25 19:20	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 12:15	10/20/25 19:20	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 12:15	10/20/25 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 19:20*	*1*
o-Terphenyl (Surr)	*148*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 19:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**234**		10.1		mg/Kg			10/20/25 20:35	1

Client Sample ID: CS-95 (6')

Lab Sample ID: 880-63976-95
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 18:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 18:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 18:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 18:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 18:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 18:30*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:29*	*10/18/25 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			10/18/25 18:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-95 (6')

Lab Sample ID: 880-63976-95
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/20/25 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	<49.7	U	49.7		mg/Kg		10/20/25 12:15	10/20/25 19:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:15	10/20/25 19:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 12:15	10/20/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*10/20/25 12:15*	*10/20/25 19:36*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*10/20/25 12:15*	*10/20/25 19:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**226**		10.1		mg/Kg			10/20/25 20:40	1

Client Sample ID: CS-96 (6')

Lab Sample ID: 880-63976-96
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 18:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 18:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 18:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 18:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 18:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*179*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 18:50*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:29*	*10/18/25 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			10/18/25 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	<49.8	U	49.8		mg/Kg			10/20/25 19:50	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		10/20/25 12:15	10/20/25 19:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 19:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*10/20/25 12:15*	*10/20/25 19:50*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-96 (6')

Lab Sample ID: 880-63976-96
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*125*		*70 - 130*	*10/20/25 12:15*	*10/20/25 19:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		9.94		mg/Kg			10/20/25 20:46	1

Client Sample ID: CS-97 (6')

Lab Sample ID: 880-63976-97
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 19:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 19:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*200*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 19:11*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/17/25 15:29*	*10/18/25 19:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 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	<49.6	U	49.6		mg/Kg			10/20/25 20:06	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	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 20:06	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 20:06	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*119*		*70 - 130*	*10/20/25 12:15*	*10/20/25 20:06*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*10/20/25 12:15*	*10/20/25 20:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		9.96		mg/Kg			10/20/25 20:51	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-98 (6')

Lab Sample ID: 880-63976-98
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 19:31	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/17/25 15:29	10/18/25 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 19:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/17/25 15:29	10/18/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 19:31*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*10/17/25 15:29*	*10/18/25 19:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/25 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	<50.0	U	50.0		mg/Kg			10/20/25 20:20	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		10/20/25 12:15	10/20/25 20:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 20:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*10/20/25 12:15*	*10/20/25 20:20*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*10/20/25 12:15*	*10/20/25 20:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**205**		10.1		mg/Kg			10/20/25 20:56	1

Client Sample ID: CS-99 (6')

Lab Sample ID: 880-63976-99
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 19:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 19:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 19:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 19:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:29	10/18/25 19:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:29	10/18/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*199*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 19:52*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*10/17/25 15:29*	*10/18/25 19:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-99 (6')

Lab Sample ID: 880-63976-99
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 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	<50.0	U	50.0		mg/Kg			10/20/25 20:36	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		10/20/25 12:15	10/20/25 20:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 20:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*10/20/25 12:15*	*10/20/25 20:36*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 20:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		9.94		mg/Kg			10/20/25 21:01	1

Client Sample ID: CS-100 (6')

Lab Sample ID: 880-63976-100
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 20:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 20:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 20:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 20:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 20:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:29	10/18/25 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*210*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 20:19*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*10/17/25 15:29*	*10/18/25 20:19*	*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			10/18/25 20:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/20/25 20:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 20:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 20:50	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-100 (6')

Lab Sample ID: 880-63976-100
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:15	10/20/25 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*10/20/25 12:15*	*10/20/25 20:50*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*10/20/25 12:15*	*10/20/25 20:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		10.0		mg/Kg			10/20/25 21:07	1

Client Sample ID: SW-1 (3')

Lab Sample ID: 880-63976-101
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:23	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:30	10/18/25 18:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:30	10/18/25 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/17/25 15:30*	*10/18/25 18:23*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:30*	*10/18/25 18:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/18/25 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/20/25 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		10/20/25 12:15	10/20/25 21:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 21:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*246*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 21:21*	*1*
o-Terphenyl (Surr)	*267*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 21:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.3**	**F1**	10.1		mg/Kg			10/20/25 21:49	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (3')

Lab Sample ID: 880-63976-102
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:44	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/18/25 18:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/18/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:30*	*10/18/25 18:44*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:30*	*10/18/25 18:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/25 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/20/25 21:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 21:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 21:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*10/20/25 12:15*	*10/20/25 21:36*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 21:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.5**		10.1		mg/Kg			10/20/25 22:04	1

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-63976-103
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/18/25 19:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 19:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 19:04	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/18/25 19:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 19:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/18/25 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:30*	*10/18/25 19:04*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:30*	*10/18/25 19:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (3')

Lab Sample ID: 880-63976-103
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/20/25 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 21:51	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 21:51	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*10/20/25 12:15*	*10/20/25 21:51*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*10/20/25 12:15*	*10/20/25 21:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		9.96		mg/Kg			10/20/25 22:10	1

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-63976-104
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/18/25 19:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/18/25 19:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/18/25 19:24	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:30	10/18/25 19:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/18/25 19:24	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:30	10/18/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:30*	*10/18/25 19:24*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:30*	*10/18/25 19:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/18/25 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	<49.6	U	49.6		mg/Kg			10/20/25 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 22:06	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 22:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-63976-104
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*10/20/25 12:15*	*10/20/25 22:06*	*1*
o-Terphenyl (Surr)	*137*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 22:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.6**		9.92		mg/Kg			10/20/25 22:15	1

Client Sample ID: SW-5 (3')

Lab Sample ID: 880-63976-105
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/18/25 19:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/18/25 19:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/18/25 19:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/18/25 19:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/18/25 19:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/18/25 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:30*	*10/18/25 19:45*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/17/25 15:30*	*10/18/25 19:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/25 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	<49.6	U	49.6		mg/Kg			10/20/25 22:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 22:21	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 22:21	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/20/25 12:15	10/20/25 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 22:21*	*1*
o-Terphenyl (Surr)	*145*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 22:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		9.94		mg/Kg			10/20/25 22:20	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (3')

Lab Sample ID: 880-63976-106
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 20:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 20:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 20:05	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/18/25 20:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 20:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/18/25 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:30*	*10/18/25 20:05*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:30*	*10/18/25 20:05*	*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			10/18/25 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	<5.01	U	5.01		mg/Kg			10/20/25 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	<5.01	U	5.01		mg/Kg		10/20/25 12:15	10/20/25 22:36	1
Diesel Range Organics (Over C10-C28)	<5.01	U	5.01		mg/Kg		10/20/25 12:15	10/20/25 22:36	1
Oil Range Organics (Over C28-C36)	<5.01	U	5.01		mg/Kg		10/20/25 12:15	10/20/25 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*10/20/25 12:15*	*10/20/25 22:36*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 22:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.4**		9.96		mg/Kg			10/20/25 22:36	1

Client Sample ID: SW-7 (5')

Lab Sample ID: 880-63976-107
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/18/25 20:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 20:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 20:26	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/18/25 20:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 20:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/18/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:30*	*10/18/25 20:26*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:30*	*10/18/25 20:26*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (5')

Lab Sample ID: 880-63976-107
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 20:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/20/25 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/20/25 12:15	10/20/25 22:51	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 12:15	10/20/25 22:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 12:15	10/20/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 22:51*	*1*
o-Terphenyl (Surr)	*142*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 22:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		9.92		mg/Kg			10/20/25 22:41	1

Client Sample ID: SW-8 (5')

Lab Sample ID: 880-63976-108
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/18/25 20:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/18/25 20:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/18/25 20:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/18/25 20:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/18/25 20:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/18/25 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/17/25 15:30*	*10/18/25 20:46*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:30*	*10/18/25 20:46*	*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			10/18/25 20:46	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			10/20/25 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 23:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 23:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (5')

Lab Sample ID: 880-63976-108
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:15	10/20/25 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*10/20/25 12:15*	*10/20/25 23:06*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 23:06*	*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			10/20/25 22:46	1

Client Sample ID: SW-9 (5')

Lab Sample ID: 880-63976-109
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/18/25 21:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/18/25 21:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/18/25 21:07	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/18/25 21:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/18/25 21:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/18/25 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/17/25 15:30*	*10/18/25 21:07*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:30*	*10/18/25 21:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/25 21:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/20/25 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	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 23:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 23:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:15	10/20/25 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*10/20/25 12:15*	*10/20/25 23:21*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*10/20/25 12:15*	*10/20/25 23:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		10.1		mg/Kg			10/20/25 22:52	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (5')

Lab Sample ID: 880-63976-110
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/18/25 21:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 21:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 21:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/18/25 21:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 21:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/18/25 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/17/25 15:30*	*10/18/25 21:27*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:30*	*10/18/25 21:27*	*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			10/18/25 21:27	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			10/20/25 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	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 23:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 23:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:15	10/20/25 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*10/20/25 12:15*	*10/20/25 23:36*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*10/20/25 12:15*	*10/20/25 23:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**184**		10.0		mg/Kg			10/20/25 22:57	1

Client Sample ID: SW-11 (5')

Lab Sample ID: 880-63976-111
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/18/25 23:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/18/25 23:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/18/25 23:00	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:30	10/18/25 23:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/18/25 23:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:30	10/18/25 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:30*	*10/18/25 23:00*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:30*	*10/18/25 23:00*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-11 (5')

Lab Sample ID: 880-63976-111
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/18/25 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**71.0**		49.7		mg/Kg			10/20/25 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/20/25 12:33	10/20/25 21:09	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:33	10/20/25 21:09	1
Oil Range Organics (Over C28-C36)	**71.0**		49.7		mg/Kg		10/20/25 12:33	10/20/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*10/20/25 12:33*	*10/20/25 21:09*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*10/20/25 12:33*	*10/20/25 21:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**157**		9.96		mg/Kg			10/20/25 23:02	1

Client Sample ID: SW-12 (5')

Lab Sample ID: 880-63976-112
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/18/25 23:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/18/25 23:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/18/25 23:20	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/18/25 23:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/18/25 23:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/18/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:30*	*10/18/25 23:20*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:30*	*10/18/25 23:20*	*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			10/18/25 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.5**		50.0		mg/Kg			10/20/25 21:51	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		10/20/25 12:33	10/20/25 21:51	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-12 (5')

Lab Sample ID: 880-63976-112
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:33	10/20/25 21:51	1
Oil Range Organics (Over C28-C36)	**63.5**		50.0		mg/Kg		10/20/25 12:33	10/20/25 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*221*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 21:51*	*1*
o-Terphenyl (Surr)	*265*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 21:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		9.98		mg/Kg			10/20/25 23:18	1

Client Sample ID: SW-13 (5')

Lab Sample ID: 880-63976-113
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/18/25 23:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 23:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 23:41	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/18/25 23:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/18/25 23:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/18/25 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:30*	*10/18/25 23:41*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:30*	*10/18/25 23:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/25 23:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.3**		49.8		mg/Kg			10/20/25 22:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/20/25 22:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/20/25 22:05	1
Oil Range Organics (Over C28-C36)	**56.3**		49.8		mg/Kg		10/20/25 12:33	10/20/25 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*10/20/25 12:33*	*10/20/25 22:05*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 22:05*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (5')

Lab Sample ID: 880-63976-113
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		9.94		mg/Kg			10/20/25 23:23	1

Client Sample ID: SW-14 (5')

Lab Sample ID: 880-63976-114
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/19/25 00:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/19/25 00:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/19/25 00:01	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/19/25 00:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/19/25 00:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/19/25 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:30*	*10/19/25 00:01*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:30*	*10/19/25 00:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/19/25 00:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.5**		50.3		mg/Kg			10/20/25 22:19	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	<50.3	U	50.3		mg/Kg		10/20/25 12:33	10/20/25 22:19	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/20/25 12:33	10/20/25 22:19	1
Oil Range Organics (Over C28-C36)	**52.5**		50.3		mg/Kg		10/20/25 12:33	10/20/25 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*10/20/25 12:33*	*10/20/25 22:19*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 22:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.9**		10.0		mg/Kg			10/20/25 23:39	1

Client Sample ID: SW-15 (3')

Lab Sample ID: 880-63976-115
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 00:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 00:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 00:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-15 (3')

Lab Sample ID: 880-63976-115
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 00:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 00:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:30*	*10/19/25 00:22*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:30*	*10/19/25 00:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/19/25 00:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/20/25 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	<50.4	U	50.4		mg/Kg		10/20/25 12:33	10/20/25 22:33	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/20/25 12:33	10/20/25 22:33	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/20/25 12:33	10/20/25 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*10/20/25 12:33*	*10/20/25 22:33*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 22:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.7**		10.1		mg/Kg			10/20/25 23:44	1

Client Sample ID: SW-16 (3')

Lab Sample ID: 880-63976-116
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 00:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 00:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 00:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 00:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 00:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/17/25 15:30*	*10/19/25 00:42*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:30*	*10/19/25 00:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/19/25 00:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-16 (3')

Lab Sample ID: 880-63976-116
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/20/25 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		10/20/25 12:33	10/20/25 22:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 12:33	10/20/25 22:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 12:33	10/20/25 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*10/20/25 12:33*	*10/20/25 22:48*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 22:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		10.1		mg/Kg			10/20/25 23:49	1

Client Sample ID: SW-17 (3')

Lab Sample ID: 880-63976-117
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 01:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 01:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 01:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/19/25 01:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 01:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/19/25 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/17/25 15:30*	*10/19/25 01:03*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:30*	*10/19/25 01:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/19/25 01:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/20/25 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/20/25 23:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/20/25 23:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/20/25 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*211*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 23:01*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (3')

Lab Sample ID: 880-63976-117
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*246*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 23:01*	*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			10/20/25 23:54	1

Client Sample ID: SW-18 (3')

Lab Sample ID: 880-63976-118
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 01:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 01:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 01:23	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		10/17/25 15:30	10/19/25 01:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 01:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/17/25 15:30	10/19/25 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:30*	*10/19/25 01:23*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/17/25 15:30*	*10/19/25 01:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/19/25 01:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/20/25 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	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/20/25 23:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/20/25 23:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/20/25 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*218*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 23:16*	*1*
o-Terphenyl (Surr)	*262*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 23:16*	*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			10/21/25 00:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-19 (3')

Lab Sample ID: 880-63976-119
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 01:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 01:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 01:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 01:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 01:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:30*	*10/19/25 01:44*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:30*	*10/19/25 01:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/19/25 01:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/20/25 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/20/25 12:33	10/20/25 23:30	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:33	10/20/25 23:30	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 12:33	10/20/25 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*238*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 23:30*	*1*
o-Terphenyl (Surr)	*278*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 23:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.9**		9.94		mg/Kg			10/21/25 00:05	1

Client Sample ID: SW-20 (3')

Lab Sample ID: 880-63976-120
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 02:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 02:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 02:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/19/25 02:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 02:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/19/25 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:30*	*10/19/25 02:04*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:30*	*10/19/25 02:04*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-20 (3')

Lab Sample ID: 880-63976-120
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/19/25 02:04	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			10/20/25 23:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/20/25 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/20/25 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/20/25 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*225*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 23:46*	*1*
o-Terphenyl (Surr)	*263*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/20/25 23:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		10.1		mg/Kg			10/21/25 00:10	1

Client Sample ID: SW-21 (3')

Lab Sample ID: 880-63976-121
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:30	10/19/25 21:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:30	10/19/25 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:30*	*10/19/25 21:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:30*	*10/19/25 21:33*	*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			10/19/25 21:33	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			10/21/25 00:14	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		10/20/25 12:33	10/21/25 00:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/21/25 00:14	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-21 (3')

Lab Sample ID: 880-63976-121
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:33	10/21/25 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*222*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/21/25 00:14*	*1*
o-Terphenyl (Surr)	*260*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/21/25 00:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		9.98		mg/Kg			10/21/25 00:52	1

Client Sample ID: SW-22 (3')

Lab Sample ID: 880-63976-122
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/19/25 21:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/19/25 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:30*	*10/19/25 21:54*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/17/25 15:30*	*10/19/25 21:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/19/25 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	<50.0	U	50.0		mg/Kg			10/21/25 00:28	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		10/20/25 12:33	10/21/25 00:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/21/25 00:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/21/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*224*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/21/25 00:28*	*1*
o-Terphenyl (Surr)	*263*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/21/25 00:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**232**		9.92		mg/Kg			10/21/25 01:08	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-23 (3')

Lab Sample ID: 880-63976-123
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/19/25 22:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/19/25 22:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/19/25 22:14	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/19/25 22:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/19/25 22:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/19/25 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:30*	*10/19/25 22:14*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/17/25 15:30*	*10/19/25 22:14*	*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			10/19/25 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/21/25 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	<50.3	U	50.3		mg/Kg		10/20/25 12:33	10/21/25 00:42	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/20/25 12:33	10/21/25 00:42	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/20/25 12:33	10/21/25 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*216*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/21/25 00:42*	*1*
o-Terphenyl (Surr)	*252*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/21/25 00:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**230**		10.0		mg/Kg			10/21/25 01:13	1

Client Sample ID: SW-24 (3')

Lab Sample ID: 880-63976-124
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/19/25 22:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/19/25 22:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/19/25 22:35	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:30	10/19/25 22:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/19/25 22:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:30	10/19/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/17/25 15:30*	*10/19/25 22:35*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/17/25 15:30*	*10/19/25 22:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-24 (3')

Lab Sample ID: 880-63976-124
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/19/25 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	<49.8	U	49.8		mg/Kg			10/21/25 00:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/21/25 00:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/21/25 00:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/21/25 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*211*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/21/25 00:56*	*1*
o-Terphenyl (Surr)	*247*	*S1+*	*70 - 130*	*10/20/25 12:33*	*10/21/25 00:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		9.92		mg/Kg			10/21/25 01:18	1

Client Sample ID: SW-25 (3')

Lab Sample ID: 880-63976-125
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 22:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 22:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 22:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 22:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 22:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/17/25 15:30*	*10/19/25 22:55*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/17/25 15:30*	*10/19/25 22:55*	*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			10/19/25 22:55	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			10/21/25 01:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/21/25 01:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/21/25 01:10	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-25 (3')

Lab Sample ID: 880-63976-125
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:33	10/21/25 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*10/20/25 12:33*	*10/21/25 01:10*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*10/20/25 12:33*	*10/21/25 01:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**258**		10.1		mg/Kg			10/21/25 01:23	1

Client Sample ID: SW-26 (3')

Lab Sample ID: 880-63976-126
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 23:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 23:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 23:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/19/25 23:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 23:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/19/25 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*10/17/25 15:30*	*10/19/25 23:15*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/17/25 15:30*	*10/19/25 23:15*	*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			10/19/25 23:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.9**		50.2		mg/Kg			10/21/25 01:23	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	<50.2	U	50.2		mg/Kg		10/20/25 12:33	10/21/25 01:23	1
Diesel Range Organics (Over C10-C28)	**55.9**		50.2		mg/Kg		10/20/25 12:33	10/21/25 01:23	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/20/25 12:33	10/21/25 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*10/20/25 12:33*	*10/21/25 01:23*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*10/20/25 12:33*	*10/21/25 01:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**248**		10.1		mg/Kg			10/21/25 01:39	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-27 (3')

Lab Sample ID: 880-63976-127
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/19/25 23:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/19/25 23:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/19/25 23:36	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/19/25 23:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/19/25 23:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/19/25 23:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:30*	*10/19/25 23:36*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/17/25 15:30*	*10/19/25 23:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/19/25 23:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/21/25 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/20/25 12:33	10/21/25 01:38	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/20/25 12:33	10/21/25 01:38	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/20/25 12:33	10/21/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*10/20/25 12:33*	*10/21/25 01:38*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*10/20/25 12:33*	*10/21/25 01:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**234**		10.0		mg/Kg			10/21/25 01:44	1

Client Sample ID: SW-28 (3')

Lab Sample ID: 880-63976-128
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 23:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 23:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 23:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 23:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/19/25 23:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/19/25 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:30*	*10/19/25 23:56*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/17/25 15:30*	*10/19/25 23:56*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-28 (3')

Lab Sample ID: 880-63976-128
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/19/25 23:56	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			10/21/25 01:52	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	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/21/25 01:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/21/25 01:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:33	10/21/25 01:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*10/20/25 12:33*	*10/21/25 01:52*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*10/20/25 12:33*	*10/21/25 01:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**259**		9.94		mg/Kg			10/21/25 01:50	1

Client Sample ID: SW-29 (3')

Lab Sample ID: 880-63976-129
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/20/25 00:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 00:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 00:17	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/20/25 00:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 00:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/20/25 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/17/25 15:30*	*10/20/25 00:17*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/17/25 15:30*	*10/20/25 00:17*	*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			10/20/25 00:17	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			10/21/25 02:06	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		10/20/25 12:33	10/21/25 02:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:33	10/21/25 02:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-29 (3')

Lab Sample ID: 880-63976-129
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:33	10/21/25 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*10/20/25 12:33*	*10/21/25 02:06*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*10/20/25 12:33*	*10/21/25 02:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**266**		9.92		mg/Kg			10/21/25 01:55	1

Client Sample ID: SW-30 (3')

Lab Sample ID: 880-63976-130
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/20/25 00:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/20/25 00:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/20/25 00:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/20/25 00:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/20/25 00:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/20/25 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/17/25 15:30*	*10/20/25 00:37*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:30*	*10/20/25 00:37*	*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			10/20/25 00:37	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			10/21/25 02:21	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	49.7		mg/Kg		10/20/25 12:33	10/21/25 02:21	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:33	10/21/25 02:21	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 12:33	10/21/25 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*10/20/25 12:33*	*10/21/25 02:21*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*10/20/25 12:33*	*10/21/25 02:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**258**		9.96		mg/Kg			10/21/25 02:00	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-31 (3')

Lab Sample ID: 880-63976-131
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/20/25 02:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/20/25 02:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/20/25 02:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:30	10/20/25 02:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:30	10/20/25 02:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:30	10/20/25 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/17/25 15:30*	*10/20/25 02:10*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/17/25 15:30*	*10/20/25 02:10*	*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			10/20/25 02:10	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			10/22/25 00:15	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		10/20/25 12:41	10/22/25 00:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:41	10/22/25 00:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:41	10/22/25 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*135*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 00:15*	*1*
o-Terphenyl (Surr)	*150*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 00:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**236**		10.0		mg/Kg			10/21/25 02:05	1

Client Sample ID: SW-32 (3')

Lab Sample ID: 880-63976-132
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/20/25 02:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 02:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 02:30	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/20/25 02:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 02:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/20/25 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:30*	*10/20/25 02:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/17/25 15:30*	*10/20/25 02:30*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-32 (3')

Lab Sample ID: 880-63976-132
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/20/25 02:30	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			10/22/25 01:01	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		10/20/25 12:41	10/22/25 01:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:41	10/22/25 01:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:41	10/22/25 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*143*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 01:01*	*1*
o-Terphenyl (Surr)	*158*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 01:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**285**		10.1		mg/Kg			10/21/25 02:21	1

Client Sample ID: SW-33 (3')

Lab Sample ID: 880-63976-133
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/20/25 02:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/20/25 02:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/20/25 02:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/20/25 02:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:30	10/20/25 02:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:30	10/20/25 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:30*	*10/20/25 02:51*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/17/25 15:30*	*10/20/25 02:51*	*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			10/20/25 02:51	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			10/22/25 01:16	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		10/20/25 12:41	10/22/25 01:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:41	10/22/25 01:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-33 (3')

Lab Sample ID: 880-63976-133
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:41	10/22/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*271*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 01:16*	*1*
o-Terphenyl (Surr)	*294*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 01:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**188**		10.0		mg/Kg			10/21/25 02:26	1

Client Sample ID: SW-34 (3')

Lab Sample ID: 880-63976-134
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:30	10/20/25 03:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 03:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 03:11	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/20/25 03:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:30	10/20/25 03:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:30	10/20/25 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/17/25 15:30*	*10/20/25 03:11*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/17/25 15:30*	*10/20/25 03:11*	*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			10/20/25 03:11	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			10/22/25 01:32	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		10/20/25 12:41	10/22/25 01:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 01:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*138*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 01:32*	*1*
o-Terphenyl (Surr)	*150*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 01:32*	*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			10/21/25 02:42	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-35 (3')

Lab Sample ID: 880-63976-135
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/20/25 03:31	1
Toluene	**0.00226**		0.00199		mg/Kg		10/17/25 15:30	10/20/25 03:31	1
Ethylbenzene	**0.00500**		0.00199		mg/Kg		10/17/25 15:30	10/20/25 03:31	1
m,p-Xylenes	**0.00497**		0.00398		mg/Kg		10/17/25 15:30	10/20/25 03:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/20/25 03:31	1
Xylenes, Total	**0.00497**		0.00398		mg/Kg		10/17/25 15:30	10/20/25 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/17/25 15:30*	*10/20/25 03:31*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/17/25 15:30*	*10/20/25 03:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0122**		0.00398		mg/Kg			10/20/25 03:31	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			10/22/25 01:47	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		10/20/25 12:41	10/22/25 01:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:41	10/22/25 01:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:41	10/22/25 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 01:47*	*1*
o-Terphenyl (Surr)	*150*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 01:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**225**		9.96		mg/Kg			10/21/25 02:47	1

Client Sample ID: SW-36 (3')

Lab Sample ID: 880-63976-136
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00259**		0.00199		mg/Kg		10/17/25 15:30	10/20/25 03:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/20/25 03:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:30	10/20/25 03:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/20/25 03:52	1
o-Xylene	**0.00329**		0.00199		mg/Kg		10/17/25 15:30	10/20/25 03:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:30	10/20/25 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/17/25 15:30*	*10/20/25 03:52*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/17/25 15:30*	*10/20/25 03:52*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-36 (3')

Lab Sample ID: 880-63976-136
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00588**		0.00398		mg/Kg			10/20/25 03:52	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			10/22/25 02:02	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		10/20/25 12:41	10/22/25 02:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 12:41	10/22/25 02:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 12:41	10/22/25 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*141*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 02:02*	*1*
o-Terphenyl (Surr)	*156*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 02:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**228**		9.92		mg/Kg			10/21/25 02:53	1

Client Sample ID: SW-37 (3')

Lab Sample ID: 880-63976-137
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/20/25 04:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/20/25 04:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/20/25 04:12	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/20/25 04:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/20/25 04:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:30	10/20/25 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:30*	*10/20/25 04:12*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*10/17/25 15:30*	*10/20/25 04:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/20/25 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	<50.0	U	50.0		mg/Kg			10/22/25 02:18	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		10/20/25 12:41	10/22/25 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 02:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-37 (3')

Lab Sample ID: 880-63976-137
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:41	10/22/25 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*143*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 02:18*	*1*
o-Terphenyl (Surr)	*150*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 02:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**		9.94		mg/Kg			10/21/25 02:58	1

Client Sample ID: SW-38 (3')

Lab Sample ID: 880-63976-138
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/19/25 19:21	10/20/25 13:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/19/25 19:21	10/20/25 13:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/19/25 19:21	10/20/25 13:32	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/19/25 19:21	10/20/25 13:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/19/25 19:21	10/20/25 13:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/19/25 19:21	10/20/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/19/25 19:21*	*10/20/25 13:32*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/19/25 19:21*	*10/20/25 13:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/20/25 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	<50.4	U	50.4		mg/Kg			10/22/25 02:33	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	<50.4	U	50.4		mg/Kg		10/20/25 12:41	10/22/25 02:33	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/20/25 12:41	10/22/25 02:33	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/20/25 12:41	10/22/25 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*140*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 02:33*	*1*
o-Terphenyl (Surr)	*151*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 02:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**237**		9.96		mg/Kg			10/21/25 03:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-39 (3')

Lab Sample ID: 880-63976-139
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/19/25 19:21	10/20/25 13:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/19/25 19:21	10/20/25 13:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/19/25 19:21	10/20/25 13:53	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/19/25 19:21	10/20/25 13:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/19/25 19:21	10/20/25 13:53	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/19/25 19:21	10/20/25 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/19/25 19:21*	*10/20/25 13:53*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/19/25 19:21*	*10/20/25 13:53*	*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			10/20/25 13:53	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			10/22/25 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	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 02:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 02:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*10/20/25 12:41*	*10/22/25 02:48*	*1*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 02:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		9.98		mg/Kg			10/21/25 03:08	1

Client Sample ID: SW-40 (3')

Lab Sample ID: 880-63976-140
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/19/25 19:21	10/20/25 14:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/19/25 19:21	10/20/25 14:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/19/25 19:21	10/20/25 14:13	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/19/25 19:21	10/20/25 14:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/19/25 19:21	10/20/25 14:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/19/25 19:21	10/20/25 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/19/25 19:21*	*10/20/25 14:13*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/19/25 19:21*	*10/20/25 14:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-40 (3')

Lab Sample ID: 880-63976-140
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/20/25 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	<50.1	U	50.1		mg/Kg			10/22/25 03:03	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	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 03:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 03:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 03:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*135*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 03:03*	*1*
o-Terphenyl (Surr)	*145*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 03:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**199**		9.94		mg/Kg			10/21/25 03:14	1

Client Sample ID: SW-41 (3')

Lab Sample ID: 880-63976-141
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 11:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:31	10/20/25 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 11:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:31	10/20/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*245*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 11:43*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:31*	*10/20/25 11:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/20/25 11:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/22/25 03:34	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	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 03:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 03:34	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-41 (3')

Lab Sample ID: 880-63976-141
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*135*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 03:34*	*1*
o-Terphenyl (Surr)	*151*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 03:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**	**F1**	10.0		mg/Kg			10/21/25 00:50	1

Client Sample ID: SW-42 (3')

Lab Sample ID: 880-63976-142
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 12:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:31	10/20/25 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 12:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:31	10/20/25 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 12:03*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*10/17/25 15:31*	*10/20/25 12:03*	*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			10/20/25 12:03	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			10/22/25 03:48	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		10/20/25 12:41	10/22/25 03:48	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:41	10/22/25 03:48	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 12:41	10/22/25 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*146*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 03:48*	*1*
o-Terphenyl (Surr)	*157*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 03:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**253**		10.1		mg/Kg			10/21/25 01:07	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-43 (2')

Lab Sample ID: 880-63976-143
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:31	10/20/25 12:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 12:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 12:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:31	10/20/25 12:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 12:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:31	10/20/25 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 12:24*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:31*	*10/20/25 12:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/20/25 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/22/25 04:03	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	<50.3	U	50.3		mg/Kg		10/20/25 12:41	10/22/25 04:03	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/20/25 12:41	10/22/25 04:03	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/20/25 12:41	10/22/25 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 04:03*	*1*
o-Terphenyl (Surr)	*146*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 04:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**175**		9.96		mg/Kg			10/21/25 01:13	1

Client Sample ID: SW-44 (4')

Lab Sample ID: 880-63976-144
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:31	10/20/25 12:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:31	10/20/25 12:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:31	10/20/25 12:44	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/17/25 15:31	10/20/25 12:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/17/25 15:31	10/20/25 12:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/17/25 15:31	10/20/25 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*160*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 12:44*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/17/25 15:31*	*10/20/25 12:44*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-44 (4')

Lab Sample ID: 880-63976-144
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/20/25 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/22/25 04:19	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	<50.4	U	50.4		mg/Kg		10/20/25 12:41	10/22/25 04:19	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/20/25 12:41	10/22/25 04:19	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/20/25 12:41	10/22/25 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*151*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 04:19*	*1*
o-Terphenyl (Surr)	*165*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 04:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**241**		9.94		mg/Kg			10/21/25 01:19	1

Client Sample ID: SW-45 (2')

Lab Sample ID: 880-63976-145
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:31	10/20/25 13:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:31	10/20/25 13:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:31	10/20/25 13:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:31	10/20/25 13:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:31	10/20/25 13:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:31	10/20/25 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 13:05*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/17/25 15:31*	*10/20/25 13:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/20/25 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/22/25 04:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/20/25 12:41	10/22/25 04:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:41	10/22/25 04:35	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-45 (2')

Lab Sample ID: 880-63976-145
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:41	10/22/25 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 04:35*	*1*
o-Terphenyl (Surr)	*147*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 04:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		10.0		mg/Kg			10/21/25 01:25	1

Client Sample ID: SW-46 (2')

Lab Sample ID: 880-63976-146
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 13:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 13:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 13:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/17/25 15:31	10/20/25 13:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 13:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/17/25 15:31	10/20/25 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*163*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 13:25*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/17/25 15:31*	*10/20/25 13:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/20/25 13:25	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			10/22/25 04:50	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	<49.7	U	49.7		mg/Kg		10/20/25 12:41	10/22/25 04:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 12:41	10/22/25 04:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/20/25 12:41	10/22/25 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 04:50*	*1*
o-Terphenyl (Surr)	*156*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 04:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		10.1		mg/Kg			10/21/25 01:43	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-47 (2')

Lab Sample ID: 880-63976-147
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:31	10/20/25 13:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 13:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 13:46	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:31	10/20/25 13:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 13:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:31	10/20/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 13:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:31*	*10/20/25 13:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/20/25 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/22/25 05:05	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		10/20/25 12:41	10/22/25 05:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 05:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*141*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 05:05*	*1*
o-Terphenyl (Surr)	*157*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 05:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**245**		10.0		mg/Kg			10/21/25 01:49	1

Client Sample ID: SW-48 (2')

Lab Sample ID: 880-63976-148
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:31	10/20/25 14:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:31	10/20/25 14:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:31	10/20/25 14:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/17/25 15:31	10/20/25 14:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/17/25 15:31	10/20/25 14:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/17/25 15:31	10/20/25 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 14:06*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/17/25 15:31*	*10/20/25 14:06*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-48 (2')

Lab Sample ID: 880-63976-148
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/20/25 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/22/25 05:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 05:21	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 05:21	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 12:41	10/22/25 05:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*135*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 05:21*	*1*
o-Terphenyl (Surr)	*144*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 05:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**245**		10.0		mg/Kg			10/21/25 01:54	1

Client Sample ID: SW-49 (2')

Lab Sample ID: 880-63976-149
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:31	10/20/25 14:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:31	10/20/25 14:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:31	10/20/25 14:26	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		10/17/25 15:31	10/20/25 14:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/17/25 15:31	10/20/25 14:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/17/25 15:31	10/20/25 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*191*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 14:26*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*10/17/25 15:31*	*10/20/25 14:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/20/25 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/22/25 05:36	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		10/20/25 12:41	10/22/25 05:36	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/20/25 12:41	10/22/25 05:36	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-49 (2')

Lab Sample ID: 880-63976-149
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 12:41	10/22/25 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*139*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 05:36*	*1*
o-Terphenyl (Surr)	*155*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 05:36*	*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			10/21/25 02:00	1

Client Sample ID: SW-50 (2')

Lab Sample ID: 880-63976-150
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/17/25 15:31	10/20/25 14:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 14:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 14:47	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/17/25 15:31	10/20/25 14:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/17/25 15:31	10/20/25 14:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/17/25 15:31	10/20/25 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*10/17/25 15:31*	*10/20/25 14:47*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/17/25 15:31*	*10/20/25 14:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/20/25 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/22/25 05:51	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		10/20/25 12:41	10/22/25 05:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 05:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/22/25 05:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*151*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 05:51*	*1*
o-Terphenyl (Surr)	*167*	*S1+*	*70 - 130*	*10/20/25 12:41*	*10/22/25 05:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**262**		9.94		mg/Kg			10/21/25 02:06	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-51 (2')

Lab Sample ID: 880-63976-151
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 12:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 12:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 12:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/21/25 08:20	10/21/25 12:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 12:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/25 08:20	10/21/25 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*10/21/25 08:20*	*10/21/25 12:43*	*1*
1,4-Difluorobenzene (Surr)	*60*	*S1-*	*70 - 130*	*10/21/25 08:20*	*10/21/25 12:43*	*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			10/21/25 12:43	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			10/21/25 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	49.8		mg/Kg		10/20/25 14:08	10/21/25 20:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 14:08	10/21/25 20:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 14:08	10/21/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*10/20/25 14:08*	*10/21/25 20:18*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*10/20/25 14:08*	*10/21/25 20:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**312**	**F1**	9.92		mg/Kg			10/21/25 02:12	1

Client Sample ID: SW-52 (2')

Lab Sample ID: 880-63976-152
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 13:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 13:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 13:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/21/25 08:20	10/21/25 13:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 13:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/25 08:20	10/21/25 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*60*	*S1-*	*70 - 130*	*10/21/25 08:20*	*10/21/25 13:12*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*10/21/25 08:20*	*10/21/25 13:12*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-52 (2')

Lab Sample ID: 880-63976-152
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/21/25 13:12	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			10/21/25 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	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:02*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*10/20/25 14:08*	*10/21/25 21:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**316**		9.96		mg/Kg			10/21/25 02:30	1

Client Sample ID: SW-53 (6')

Lab Sample ID: 880-63976-153
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 13:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 13:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 13:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/21/25 08:20	10/21/25 13:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 13:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/25 08:20	10/21/25 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*46*	*S1-*	*70 - 130*	*10/21/25 08:20*	*10/21/25 13:33*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*10/21/25 08:20*	*10/21/25 13:33*	*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			10/21/25 13:33	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			10/21/25 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/20/25 14:08	10/21/25 21:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/20/25 14:08	10/21/25 21:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-53 (6')

Lab Sample ID: 880-63976-153
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 14:08	10/21/25 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:15*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**274**		9.98		mg/Kg			10/21/25 02:35	1

Client Sample ID: SW-54 (6')

Lab Sample ID: 880-63976-154
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 13:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/21/25 08:20	10/21/25 13:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/21/25 08:20	10/21/25 13:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/21/25 08:20	10/21/25 13:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/21/25 08:20	10/21/25 13:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/21/25 08:20	10/21/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*10/21/25 08:20*	*10/21/25 13:54*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/21/25 08:20*	*10/21/25 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			10/21/25 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	<50.0	U	50.0		mg/Kg			10/21/25 21:30	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		10/20/25 14:08	10/21/25 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 21:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:30*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**412**		10.0		mg/Kg			10/21/25 02:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-55 (6')

Lab Sample ID: 880-63976-155
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 14:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 14:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 14:14	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/21/25 08:20	10/21/25 14:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 14:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/25 08:20	10/21/25 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*58*	*S1-*	*70 - 130*	*10/21/25 08:20*	*10/21/25 14:14*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/21/25 08:20*	*10/21/25 14:14*	*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			10/21/25 14:14	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			10/21/25 21:44	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		10/20/25 14:08	10/21/25 21:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 21:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:44*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**295**		9.94		mg/Kg			10/21/25 02:59	1

Client Sample ID: SW-56 (6')

Lab Sample ID: 880-63976-156
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 14:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 14:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 14:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/21/25 08:20	10/21/25 14:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 14:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/25 08:20	10/21/25 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*58*	*S1-*	*70 - 130*	*10/21/25 08:20*	*10/21/25 14:35*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*10/21/25 08:20*	*10/21/25 14:35*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-56 (6')

Lab Sample ID: 880-63976-156
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/21/25 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	<50.1	U	50.1		mg/Kg			10/21/25 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	<50.1	U	50.1		mg/Kg		10/20/25 14:08	10/21/25 21:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 14:08	10/21/25 21:58	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 14:08	10/21/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:58*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*10/20/25 14:08*	*10/21/25 21:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**309**		10.0		mg/Kg			10/21/25 03:05	1

Client Sample ID: SW-57 (6')

Lab Sample ID: 880-63976-157
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 17:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/21/25 08:20	10/21/25 17:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/21/25 08:20	10/21/25 17:31	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/21/25 08:20	10/21/25 17:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/21/25 08:20	10/21/25 17:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/21/25 08:20	10/21/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/21/25 08:20*	*10/21/25 17:31*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/21/25 08:20*	*10/21/25 17:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/21/25 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	<50.2	U	50.2		mg/Kg			10/21/25 22:12	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	<50.2	U	50.2		mg/Kg		10/20/25 14:08	10/21/25 22:12	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/20/25 14:08	10/21/25 22:12	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-57 (6')

Lab Sample ID: 880-63976-157
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/20/25 14:08	10/21/25 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*10/20/25 14:08*	*10/21/25 22:12*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*10/20/25 14:08*	*10/21/25 22:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**386**		10.0		mg/Kg			10/21/25 03:11	1

Client Sample ID: SW-58 (4')

Lab Sample ID: 880-63976-158
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 17:51	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/21/25 08:20	10/21/25 17:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 17:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/21/25 08:20	10/21/25 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/21/25 08:20*	*10/21/25 17:51*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/21/25 08:20*	*10/21/25 17:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/21/25 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	<50.0	U	50.0		mg/Kg			10/21/25 22:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 22:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 22:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*10/20/25 14:08*	*10/21/25 22:26*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*10/20/25 14:08*	*10/21/25 22:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**296**		9.98		mg/Kg			10/21/25 03:17	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-59 (6')

Lab Sample ID: 880-63976-159
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 18:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 18:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 18:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/21/25 08:20	10/21/25 18:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/21/25 08:20	10/21/25 18:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/21/25 08:20	10/21/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/21/25 08:20*	*10/21/25 18:12*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/21/25 08:20*	*10/21/25 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			10/21/25 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	<49.8	U	49.8		mg/Kg			10/21/25 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	<49.8	U	49.8		mg/Kg		10/20/25 14:08	10/21/25 22:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/20/25 14:08	10/21/25 22:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/20/25 14:08	10/21/25 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*10/20/25 14:08*	*10/21/25 22:41*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*10/20/25 14:08*	*10/21/25 22:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**282**		10.0		mg/Kg			10/21/25 03:22	1

Client Sample ID: SW-60 (6')

Lab Sample ID: 880-63976-160
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/21/25 08:20	10/21/25 18:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/21/25 08:20	10/21/25 18:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/21/25 08:20	10/21/25 18:32	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/21/25 08:20	10/21/25 18:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/21/25 08:20	10/21/25 18:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/21/25 08:20	10/21/25 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/21/25 08:20*	*10/21/25 18:32*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/21/25 08:20*	*10/21/25 18:32*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-60 (6')

Lab Sample ID: 880-63976-160
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			10/21/25 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	<50.1	U	50.1		mg/Kg			10/21/25 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	<50.1	U	50.1		mg/Kg		10/20/25 14:08	10/21/25 22:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/20/25 14:08	10/21/25 22:54	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/20/25 14:08	10/21/25 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*10/20/25 14:08*	*10/21/25 22:54*	*1*
o-Terphenyl (Surr)	*136*	*S1+*	*70 - 130*	*10/20/25 14:08*	*10/21/25 22:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**303**		10.0		mg/Kg			10/21/25 03:28	1

Client Sample ID: SW-61 (6')

Lab Sample ID: 880-63976-161
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/19/25 19:21	10/20/25 14:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/19/25 19:21	10/20/25 14:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/19/25 19:21	10/20/25 14:34	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/19/25 19:21	10/20/25 14:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/19/25 19:21	10/20/25 14:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/19/25 19:21	10/20/25 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/19/25 19:21*	*10/20/25 14:34*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/19/25 19:21*	*10/20/25 14:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/20/25 14:34	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			10/21/25 23:23	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		10/20/25 14:08	10/21/25 23:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/20/25 14:08	10/21/25 23:23	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-61 (6')

Lab Sample ID: 880-63976-161
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/20/25 14:08	10/21/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*10/20/25 14:08*	*10/21/25 23:23*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*10/20/25 14:08*	*10/21/25 23:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**218**		10.0		mg/Kg			10/21/25 04:22	1

Client Sample ID: SW-62 (6')

Lab Sample ID: 880-63976-162
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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		10/19/25 19:21	10/20/25 14:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/19/25 19:21	10/20/25 14:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/19/25 19:21	10/20/25 14:54	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		10/19/25 19:21	10/20/25 14:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/19/25 19:21	10/20/25 14:54	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/19/25 19:21	10/20/25 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/19/25 19:21*	*10/20/25 14:54*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/19/25 19:21*	*10/20/25 14:54*	*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			10/20/25 14:54	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			10/21/25 23:38	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		10/20/25 14:08	10/21/25 23:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 23:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*10/20/25 14:08*	*10/21/25 23:38*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*10/20/25 14:08*	*10/21/25 23:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		9.98		mg/Kg			10/21/25 04:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-63 (6')

Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-163

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		10/19/25 19:21	10/20/25 16:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/19/25 19:21	10/20/25 16:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/19/25 19:21	10/20/25 16:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/19/25 19:21	10/20/25 16:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/19/25 19:21	10/20/25 16:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/19/25 19:21	10/20/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/19/25 19:21*	*10/20/25 16:27*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/19/25 19:21*	*10/20/25 16:27*	*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			10/20/25 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/21/25 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/20/25 14:08	10/21/25 23:51	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/20/25 14:08	10/21/25 23:51	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/20/25 14:08	10/21/25 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*10/20/25 14:08*	*10/21/25 23:51*	*1*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*	*10/20/25 14:08*	*10/21/25 23:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		9.96		mg/Kg			10/21/25 04:43	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
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)										
880-63976-1	CS 1 (3')	110	100										
880-63976-1 MS	CS 1 (3')	103	107										
880-63976-1 MSD	CS 1 (3')	101	99										
880-63976-2	CS 2 (3')	102	97										
880-63976-3	CS 3 (3')	105	96										
880-63976-4	CS 4 (3')	108	100										
880-63976-5	CS 5 (3')	104	99										
880-63976-6	CS 6 (3')	106	97										
880-63976-7	CS 7 (3')	106	97										
880-63976-8	CS 8 (3')	105	100										
880-63976-9	CS 9 (3')	108	100										
880-63976-10	CS 10 (3')	103	95										
880-63976-11	CS 11 (5')	104	99										
880-63976-12	CS 12 (5')	107	101										
880-63976-13	CS 13 (5')	105	98										
880-63976-14	CS 14 (5')	105	99										
880-63976-15	CS 15 (5')	103	97										
880-63976-16	CS 16 (5')	104	99										
880-63976-17	CS 17 (5')	108	96										
880-63976-18	CS 18 (5')	104	98										
880-63976-19	CS 19 (5')	106	98										
880-63976-20	CS 20 (5')	100	91										
880-63976-21	CS 21 (5')	236 S1+	78										
880-63976-21 MS	CS 21 (5')	181 S1+	74										
880-63976-21 MSD	CS 21 (5')	194 S1+	73										
880-63976-22	CS 22 (5')	147 S1+	101										
880-63976-23	CS 23 (3')	103	92										
880-63976-24	CS 24 (3')	114	93										
880-63976-25	CS 25 (3')	71	68 S1-										
880-63976-26	CS 26 (3')	138 S1+	99										
880-63976-27	CS 27 (3')	189 S1+	132 S1+										
880-63976-28	CS 28 (3')	78	57 S1-										
880-63976-29	CS 29 (3')	75	70										
880-63976-30	CS 30 (3')	175 S1+	123										
880-63976-31	CS 31 (3')	97	74										
880-63976-32	CS 32 (3')	80	79										
880-63976-33	CS 33 (3')	86	79										
880-63976-34	CS 34 (3')	110	78										
880-63976-35	CS 35 (3')	78	77										
880-63976-36	CS 36 (3')	133 S1+	96										
880-63976-37	CS 37 (3')	164 S1+	115										
880-63976-38	CS 38 (3')	124	76										
880-63976-39	CS 39 (3')	99	76										
880-63976-40	CS 40 (3')	134 S1+	93										
880-63976-41	CS 41 (3')	135 S1+	112										
880-63976-41 MS	CS 41 (3')	105	105										
880-63976-41 MSD	CS 41 (3')	100	98										
880-63976-42	CS 42 (3')	112	110										
880-63976-43	CS 43 (3')	405 S1+	107										

Surrogate Summary

Client: Carmona Resources
Job ID: 880-63976-1
Project/Site: NGL Paduca Booster
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)								
880-63976-44	CS 44 (3')	115	113								
880-63976-45	CS 45 (2')	162 S1+	116								
880-63976-46	CS 46 (2')	475 S1+	122								
880-63976-47	CS 47 (2')	226 S1+	78								
880-63976-48	CS 48 (2')	150 S1+	118								
880-63976-49	CS 49 (2')	323 S1+	81								
880-63976-50	CS 50 (2')	332 S1+	124								
880-63976-51	CS 51 (2')	85	107								
880-63976-52	CS 52 (2')	222 S1+	126								
880-63976-53	CS 53 (2')	138 S1+	70								
880-63976-54	CS 54 (2')	299 S1+	78								
880-63976-55	CS 55 (2')	124	115								
880-63976-56	CS 56 (2')	137 S1+	112								
880-63976-57	CS 57 (2')	235 S1+	119								
880-63976-58	CS 58 (2')	354 S1+	118								
880-63976-59	CS 59 (2')	114	122								
880-63976-60	CS 60 (2')	137 S1+	119								
880-63976-61	CS 61 (2')	151 S1+	76								
880-63976-61 MS	CS 61 (2')	53 S1-	84								
880-63976-61 MSD	CS 61 (2')	39 S1-	92								
880-63976-62	CS 62 (2')	106	103								
880-63976-63	CS 63 (2')	40 S1-	71								
880-63976-64	CS 64 (2')	72	78								
880-63976-65	CS 65 (2')	164 S1+	105								
880-63976-66	CS-66 (2')	137 S1+	93								
880-63976-67	CS 67 (2')	100	98								
880-63976-68	CS 68 (2')	99	72								
880-63976-69	CS 69 (2')	75	74								
880-63976-70	CS-70 (2')	193 S1+	86								
880-63976-71	CS-71 (2')	76	55 S1-								
880-63976-72	CS-72 (2')	45 S1-	72								
880-63976-73	CS-73 (2')	63 S1-	74								
880-63976-74	CS-74 (2')	95	69 S1-								
880-63976-75	CS-75 (2')	52 S1-	81								
880-63976-76	CS-76 (2')	110	75								
880-63976-77	CS-77 (2')	115	82								
880-63976-78	CS-78 (2')	181 S1+	84								
880-63976-79	CS-79 (2')	153 S1+	85								
880-63976-80	CS-80 (2')	97	64 S1-								
880-63976-81	CS-81 (2')	238 S1+	124								
880-63976-81 MS	CS-81 (2')	104	107								
880-63976-81 MSD	CS-81 (2')	104	103								
880-63976-82	CS-82 (2')	158 S1+	123								
880-63976-83	CS-83 (2')	220 S1+	104								
880-63976-84	CS-84 (6')	173 S1+	122								
880-63976-85	CS-85 (6')	316 S1+	79								
880-63976-86	CS-86 (6')	129	115								
880-63976-87	CS-87 (6')	106	105								
880-63976-88	CS-88 (6')	147 S1+	106								
880-63976-89	CS-89 (6')	275 S1+	88								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-63976-1
Project/Site: NGL Paduca Booster
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)								
880-63976-90	CS-90 (6')	102	101								
880-63976-90	CS-90 (6')	95	108								
880-63976-91	CS-91 (6')	124	124								
880-63976-92	CS-92 (6')	114	114								
880-63976-93	CS-93 (6')	112	118								
880-63976-94	CS-94 (6')	345 S1+	90								
880-63976-95	CS-95 (6')	139 S1+	97								
880-63976-96	CS-96 (6')	179 S1+	97								
880-63976-97	CS-97 (6')	200 S1+	89								
880-63976-98	CS-98 (6')	155 S1+	116								
880-63976-99	CS-99 (6')	199 S1+	123								
880-63976-100	CS-100 (6')	210 S1+	119								
880-63976-101	SW-1 (3')	109	101								
880-63976-101 MS	SW-1 (3')	102	105								
880-63976-101 MSD	SW-1 (3')	99	105								
880-63976-102	SW-2 (3')	103	98								
880-63976-103	SW-3 (3')	105	99								
880-63976-104	SW-4 (3')	103	99								
880-63976-105	SW-5 (3')	98	88								
880-63976-106	SW-6 (3')	103	98								
880-63976-107	SW-7 (5')	104	100								
880-63976-108	SW-8 (5')	107	100								
880-63976-109	SW-9 (5')	108	100								
880-63976-110	SW-10 (5')	102	97								
880-63976-111	SW-11 (5')	104	97								
880-63976-112	SW-12 (5')	104	96								
880-63976-113	SW-13 (5')	104	96								
880-63976-114	SW-14 (5')	103	96								
880-63976-115	SW-15 (3')	103	97								
880-63976-116	SW-16 (3')	110	101								
880-63976-117	SW-17 (3')	109	96								
880-63976-118	SW-18 (3')	104	100								
880-63976-119	SW-19 (3')	101	96								
880-63976-120	SW-20 (3')	105	99								
880-63976-121	SW-21 (3')	101	98								
880-63976-121 MS	SW-21 (3')	97	95								
880-63976-121 MSD	SW-21 (3')	113	102								
880-63976-122	SW-22 (3')	103	89								
880-63976-123	SW-23 (3')	98	86								
880-63976-124	SW-24 (3')	102	90								
880-63976-125	SW-25 (3')	89	82								
880-63976-126	SW-26 (3')	91	84								
880-63976-127	SW-27 (3')	101	88								
880-63976-128	SW-28 (3')	106	90								
880-63976-129	SW-29 (3')	107	94								
880-63976-130	SW-30 (3')	107	98								
880-63976-131	SW-31 (3')	109	93								
880-63976-132	SW-32 (3')	106	99								
880-63976-133	SW-33 (3')	97	88								
880-63976-134	SW-34 (3')	95	79								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-63976-1
Project/Site: NGL Paduca Booster
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)
880-63976-135	SW-35 (3')	97	92
880-63976-136	SW-36 (3')	102	92
880-63976-137	SW-37 (3')	96	83
880-63976-138	SW-38 (3')	103	98
880-63976-139	SW-39 (3')	103	99
880-63976-140	SW-40 (3')	107	100
880-63976-141	SW-41 (3')	245 S1+	96
880-63976-141 MS	SW-41 (3')	152 S1+	107
880-63976-141 MSD	SW-41 (3')	155 S1+	97
880-63976-142	SW-42 (3')	157 S1+	115
880-63976-143	SW-43 (2')	151 S1+	105
880-63976-144	SW-44 (4')	160 S1+	114
880-63976-145	SW-45 (2')	177 S1+	103
880-63976-146	SW-46 (2')	163 S1+	104
880-63976-147	SW-47 (2')	155 S1+	98
880-63976-148	SW-48 (2')	144 S1+	98
880-63976-149	SW-49 (2')	191 S1+	83
880-63976-150	SW-50 (2')	158 S1+	105
880-63976-151	SW-51 (2')	104	60 S1-
880-63976-151 MS	SW-51 (2')	116	99
880-63976-151 MSD	SW-51 (2')	109	102
880-63976-152	SW-52 (2')	60 S1-	70
880-63976-153	SW-53 (6')	46 S1-	71
880-63976-154	SW-54 (6')	67 S1-	84
880-63976-155	SW-55 (6')	58 S1-	75
880-63976-156	SW-56 (6')	58 S1-	74
880-63976-157	SW-57 (6')	115	102
880-63976-158	SW-58 (4')	115	104
880-63976-159	SW-59 (6')	110	102
880-63976-160	SW-60 (6')	114	104
880-63976-161	SW-61 (6')	103	99
880-63976-162	SW-62 (6')	106	101
880-63976-163	SW-63 (6')	105	97
890-8968-A-1-A MS	Matrix Spike	102	105
890-8968-A-1-B MSD	Matrix Spike Duplicate	98	105
LCS 880-121473/1-A	Lab Control Sample	102	104
LCS 880-121474/1-A	Lab Control Sample	187 S1+	112
LCS 880-121475/1-A	Lab Control Sample	97	93
LCS 880-121476/1-A	Lab Control Sample	174 S1+	77
LCS 880-121477/1-A	Lab Control Sample	100	100
LCS 880-121478/1-A	Lab Control Sample	98	103
LCS 880-121479/1-A	Lab Control Sample	101	106
LCS 880-121480/1-A	Lab Control Sample	165 S1+	72
LCS 880-121502/1-A	Lab Control Sample	103	107
LCS 880-121617/1-A	Lab Control Sample	108	99
LCSD 880-121473/2-A	Lab Control Sample Dup	96	102
LCSD 880-121474/2-A	Lab Control Sample Dup	153 S1+	82
LCSD 880-121475/2-A	Lab Control Sample Dup	104	100
LCSD 880-121476/2-A	Lab Control Sample Dup	157 S1+	92
LCSD 880-121477/2-A	Lab Control Sample Dup	101	107

Surrogate Summary

Client: Carmona Resources
Job ID: 880-63976-1
Project/Site: NGL Paduca Booster
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 880-121478/2-A	Lab Control Sample Dup	100	102
LCSD 880-121479/2-A	Lab Control Sample Dup	101	106
LCSD 880-121480/2-A	Lab Control Sample Dup	159 S1+	97
LCSD 880-121502/2-A	Lab Control Sample Dup	107	106
LCSD 880-121617/2-A	Lab Control Sample Dup	93	95
MB 880-121341/5-A	Method Blank	179 S1+	89
MB 880-121342/5-A	Method Blank	191 S1+	102
MB 880-121343/5-A	Method Blank	99	89
MB 880-121473/5-A	Method Blank	101	92
MB 880-121474/5-A	Method Blank	188 S1+	70
MB 880-121475/5-A	Method Blank	159 S1+	90
MB 880-121476/5-A	Method Blank	196 S1+	86
MB 880-121477/5-A	Method Blank	180 S1+	106
MB 880-121478/5-A	Method Blank	109	98
MB 880-121479/5-A	Method Blank	107	96
MB 880-121480/5-A	Method Blank	214 S1+	91
MB 880-121502/5-A	Method Blank	105	96
MB 880-121617/5-A	Method Blank	167 S1+	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**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-63976-1	CS 1 (3')	77	82
880-63976-1 MS	CS 1 (3')	72	84
880-63976-1 MSD	CS 1 (3')	73	85
880-63976-2	CS 2 (3')	73	78
880-63976-3	CS 3 (3')	70	73
880-63976-4	CS 4 (3')	64 S1-	70
880-63976-5	CS 5 (3')	76	80
880-63976-6	CS 6 (3')	169 S1+	181 S1+
880-63976-7	CS 7 (3')	66 S1-	72
880-63976-8	CS 8 (3')	73	78
880-63976-9	CS 9 (3')	80	86
880-63976-10	CS 10 (3')	82	86
880-63976-11	CS 11 (5')	79	84
880-63976-12	CS 12 (5')	155 S1+	165 S1+
880-63976-13	CS 13 (5')	77	81
880-63976-14	CS 14 (5')	77	82
880-63976-15	CS 15 (5')	79	87
880-63976-16	CS 16 (5')	75	79
880-63976-17	CS 17 (5')	72	76
880-63976-18	CS 18 (5')	74	78
880-63976-19	CS 19 (5')	74	78
880-63976-20	CS 20 (5')	73	78

Surrogate Summary

Client: Carmona Resources
Job ID: 880-63976-1
Project/Site: NGL Paduca Booster
SDG: Lea County, New Mexico

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-63976-21	CS 21 (5')	88	94
880-63976-21 MS	CS 21 (5')	94	109
880-63976-21 MSD	CS 21 (5')	103	99
880-63976-22	CS 22 (5')	77	83
880-63976-23	CS 23 (3')	82	91
880-63976-24	CS 24 (3')	161 S1+	172 S1+
880-63976-25	CS 25 (3')	91	99
880-63976-26	CS 26 (3')	163 S1+	175 S1+
880-63976-27	CS 27 (3')	88	94
880-63976-28	CS 28 (3')	84	90
880-63976-29	CS 29 (3')	88	94
880-63976-30	CS 30 (3')	78	84
880-63976-31	CS 31 (3')	152 S1+	160 S1+
880-63976-32	CS 32 (3')	85	92
880-63976-33	CS 33 (3')	86	91
880-63976-34	CS 34 (3')	75	79
880-63976-35	CS 35 (3')	85	89
880-63976-36	CS 36 (3')	84	88
880-63976-37	CS 37 (3')	74	79
880-63976-38	CS 38 (3')	85	90
880-63976-39	CS 39 (3')	84	89
880-63976-40	CS 40 (3')	92	96
880-63976-41	CS 41 (3')	77	82
880-63976-41 MS	CS 41 (3')	70	82
880-63976-41 MSD	CS 41 (3')	72	82
880-63976-42	CS 42 (3')	81	87
880-63976-43	CS 43 (3')	76	81
880-63976-44	CS 44 (3')	77	81
880-63976-45	CS 45 (2')	80	83
880-63976-46	CS 46 (2')	82	86
880-63976-47	CS 47 (2')	78	81
880-63976-48	CS 48 (2')	67 S1-	72
880-63976-49	CS 49 (2')	69 S1-	76
880-63976-50	CS 50 (2')	75	80
880-63976-51	CS 51 (2')	82	88
880-63976-52	CS 52 (2')	74	79
880-63976-53	CS 53 (2')	148 S1+	158 S1+
880-63976-54	CS 54 (2')	73	76
880-63976-55	CS 55 (2')	75	79
880-63976-56	CS 56 (2')	68 S1-	74
880-63976-57	CS 57 (2')	89	97
880-63976-58	CS 58 (2')	69 S1-	75
880-63976-59	CS 59 (2')	67 S1-	73
880-63976-60	CS 60 (2')	75	80
880-63976-61	CS 61 (2')	100	107
880-63976-62	CS 62 (2')	101	109
880-63976-63	CS 63 (2')	101	109
880-63976-64	CS 64 (2')	102	107
880-63976-65	CS 65 (2')	98	105
880-63976-66	CS-66 (2')	98	108

Surrogate Summary

Client: Carmona Resources
Job ID: 880-63976-1
Project/Site: NGL Paduca Booster
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)								
880-63976-67	CS 67 (2')	103	111								
880-63976-68	CS 68 (2')	94	104								
880-63976-69	CS 69 (2')	118	134 S1+								
880-63976-70	CS-70 (2')	93	104								
880-63976-71	CS-71 (2')	117	133 S1+								
880-63976-72	CS-72 (2')	96	107								
880-63976-73	CS-73 (2')	102	110								
880-63976-74	CS-74 (2')	102	110								
880-63976-75	CS-75 (2')	96	103								
880-63976-76	CS-76 (2')	80	90								
880-63976-77	CS-77 (2')	81	92								
880-63976-78	CS-78 (2')	85	95								
880-63976-79	CS-79 (2')	77	88								
880-63976-80	CS-80 (2')	163 S1+	184 S1+								
880-63976-81	CS-81 (2')	81	93								
880-63976-82	CS-82 (2')	78	89								
880-63976-83	CS-83 (2')	82	93								
880-63976-84	CS-84 (6')	78	89								
880-63976-85	CS-85 (6')	74	85								
880-63976-86	CS-86 (6')	137 S1+	150 S1+								
880-63976-87	CS-87 (6')	82	94								
880-63976-88	CS-88 (6')	78	88								
880-63976-89	CS-89 (6')	74	85								
880-63976-90	CS-90 (6')	83	96								
880-63976-91	CS-91 (6')	125	141 S1+								
880-63976-91 MS	CS-91 (6')	113	134 S1+								
880-63976-91 MSD	CS-91 (6')	115	134 S1+								
880-63976-92	CS-92 (6')	140 S1+	151 S1+								
880-63976-93	CS-93 (6')	118	129								
880-63976-94	CS-94 (6')	133 S1+	148 S1+								
880-63976-95	CS-95 (6')	120	130								
880-63976-96	CS-96 (6')	116	125								
880-63976-97	CS-97 (6')	119	130								
880-63976-98	CS-98 (6')	120	129								
880-63976-99	CS-99 (6')	124	134 S1+								
880-63976-100	CS-100 (6')	119	129								
880-63976-101	SW-1 (3')	246 S1+	267 S1+								
880-63976-102	SW-2 (3')	124	134 S1+								
880-63976-103	SW-3 (3')	119	128								
880-63976-104	SW-4 (3')	126	137 S1+								
880-63976-105	SW-5 (3')	137 S1+	145 S1+								
880-63976-106	SW-6 (3')	118	131 S1+								
880-63976-107	SW-7 (5')	131 S1+	142 S1+								
880-63976-108	SW-8 (5')	125	135 S1+								
880-63976-109	SW-9 (5')	113	126								
880-63976-110	SW-10 (5')	123	135 S1+								
880-63976-111	SW-11 (5')	107	127								
880-63976-111 MS	SW-11 (5')	110	120								
880-63976-111 MSD	SW-11 (5')	109	118								
880-63976-112	SW-12 (5')	221 S1+	265 S1+								

Surrogate Summary

Client: Carmona Resources
Job ID: 880-63976-1
Project/Site: NGL Paduca Booster
SDG: Lea County, New Mexico

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-63976-113	SW-13 (5')	112	134 S1+
880-63976-114	SW-14 (5')	108	134 S1+
880-63976-115	SW-15 (3')	111	132 S1+
880-63976-116	SW-16 (3')	114	134 S1+
880-63976-117	SW-17 (3')	211 S1+	246 S1+
880-63976-118	SW-18 (3')	218 S1+	262 S1+
880-63976-119	SW-19 (3')	238 S1+	278 S1+
880-63976-120	SW-20 (3')	225 S1+	263 S1+
880-63976-121	SW-21 (3')	222 S1+	260 S1+
880-63976-122	SW-22 (3')	224 S1+	263 S1+
880-63976-123	SW-23 (3')	216 S1+	252 S1+
880-63976-124	SW-24 (3')	211 S1+	247 S1+
880-63976-125	SW-25 (3')	107	126
880-63976-126	SW-26 (3')	104	122
880-63976-127	SW-27 (3')	99	119
880-63976-128	SW-28 (3')	108	125
880-63976-129	SW-29 (3')	109	127
880-63976-130	SW-30 (3')	105	127
880-63976-131	SW-31 (3')	135 S1+	150 S1+
880-63976-131 MS	SW-31 (3')	136 S1+	152 S1+
880-63976-131 MSD	SW-31 (3')	133 S1+	152 S1+
880-63976-132	SW-32 (3')	143 S1+	158 S1+
880-63976-133	SW-33 (3')	271 S1+	294 S1+
880-63976-134	SW-34 (3')	138 S1+	150 S1+
880-63976-135	SW-35 (3')	133 S1+	150 S1+
880-63976-136	SW-36 (3')	141 S1+	156 S1+
880-63976-137	SW-37 (3')	143 S1+	150 S1+
880-63976-138	SW-38 (3')	140 S1+	151 S1+
880-63976-139	SW-39 (3')	127	141 S1+
880-63976-140	SW-40 (3')	135 S1+	145 S1+
880-63976-141	SW-41 (3')	135 S1+	151 S1+
880-63976-142	SW-42 (3')	146 S1+	157 S1+
880-63976-143	SW-43 (2')	133 S1+	146 S1+
880-63976-144	SW-44 (4')	151 S1+	165 S1+
880-63976-145	SW-45 (2')	134 S1+	147 S1+
880-63976-146	SW-46 (2')	139 S1+	156 S1+
880-63976-147	SW-47 (2')	141 S1+	157 S1+
880-63976-148	SW-48 (2')	135 S1+	144 S1+
880-63976-149	SW-49 (2')	139 S1+	155 S1+
880-63976-150	SW-50 (2')	151 S1+	167 S1+
880-63976-151	SW-51 (2')	105	123
880-63976-151 MS	SW-51 (2')	117	121
880-63976-151 MSD	SW-51 (2')	114	121
880-63976-152	SW-52 (2')	115	132 S1+
880-63976-153	SW-53 (6')	110	128
880-63976-154	SW-54 (6')	114	130
880-63976-155	SW-55 (6')	109	125
880-63976-156	SW-56 (6')	112	128
880-63976-157	SW-57 (6')	117	135 S1+
880-63976-158	SW-58 (4')	117	133 S1+

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) 1CO1 (70-130)	OTPH1 (70-130)
880-63976-159	SW-59 (6')	115	131 S1+
880-63976-160	SW-60 (6')	119	136 S1+
880-63976-161	SW-61 (6')	112	127
880-63976-162	SW-62 (6')	112	128
880-63976-163	SW-63 (6')	118	135 S1+
890-8968-A-1-H MS	Matrix Spike	80	80
890-8968-A-1-I MSD	Matrix Spike Duplicate	81	83
890-8968-A-6-D MS	Matrix Spike	104	128
890-8968-A-6-E MSD	Matrix Spike Duplicate	91	107
LCS 880-121481/2-A	Lab Control Sample	87	104
LCS 880-121482/2-A	Lab Control Sample	80	96
LCS 880-121483/2-A	Lab Control Sample	89	101
LCS 880-121509/2-A	Lab Control Sample	87	84
LCS 880-121513/2-A	Lab Control Sample	101	118
LCS 880-121542/2-A	Lab Control Sample	110	130
LCS 880-121544/2-A	Lab Control Sample	117	127
LCS 880-121546/2-A	Lab Control Sample	111	134 S1+
LCS 880-121556/2-A	Lab Control Sample	118	127
LCSD 880-121481/3-A	Lab Control Sample Dup	88	105
LCSD 880-121482/3-A	Lab Control Sample Dup	81	96
LCSD 880-121483/3-A	Lab Control Sample Dup	117	111
LCSD 880-121509/3-A	Lab Control Sample Dup	71	85
LCSD 880-121513/3-A	Lab Control Sample Dup	101	119
LCSD 880-121542/3-A	Lab Control Sample Dup	105	124
LCSD 880-121544/3-A	Lab Control Sample Dup	129	144 S1+
LCSD 880-121546/3-A	Lab Control Sample Dup	99	116
LCSD 880-121556/3-A	Lab Control Sample Dup	122	131 S1+
MB 880-121481/1-A	Method Blank	83	90
MB 880-121482/1-A	Method Blank	75	84
MB 880-121483/1-A	Method Blank	87	94
MB 880-121509/1-A	Method Blank	80	88
MB 880-121513/1-A	Method Blank	69 S1-	75
MB 880-121542/1-A	Method Blank	90	98
MB 880-121544/1-A	Method Blank	98	120
MB 880-121546/1-A	Method Blank	106	119
MB 880-121556/1-A	Method Blank	77	88

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-121341/5-A
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:06	10/17/25 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:06	10/17/25 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:06	10/17/25 11:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/16/25 09:06	10/17/25 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:06	10/17/25 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/25 09:06	10/17/25 11:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*179*	*S1+*	*70 - 130*	*10/16/25 09:06*	*10/17/25 11:20*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/16/25 09:06*	*10/17/25 11:20*	*1*

Lab Sample ID: MB 880-121342/5-A
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:10	10/17/25 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:10	10/17/25 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:10	10/17/25 11:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/16/25 09:10	10/17/25 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:10	10/17/25 11:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/25 09:10	10/17/25 11:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*191*	*S1+*	*70 - 130*	*10/16/25 09:10*	*10/17/25 11:43*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/16/25 09:10*	*10/17/25 11:43*	*1*

Lab Sample ID: MB 880-121343/5-A
Matrix: Solid
Analysis Batch: 121425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121343

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:15	10/17/25 11:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:15	10/17/25 11:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:15	10/17/25 11:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/16/25 09:15	10/17/25 11:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/25 09:15	10/17/25 11:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/25 09:15	10/17/25 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/16/25 09:15*	*10/17/25 11:19*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/16/25 09:15*	*10/17/25 11:19*	*1*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-121473/5-A
Matrix: Solid
Analysis Batch: 121425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121473

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:27	10/17/25 22:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:27	10/17/25 22:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:27	10/17/25 22:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/17/25 15:27*	*10/17/25 22:16*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/17/25 15:27*	*10/17/25 22:16*	*1*

Lab Sample ID: LCS 880-121473/1-A
Matrix: Solid
Analysis Batch: 121425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121473

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1066		mg/Kg		107	70 - 130		
Toluene			0.100	0.09502		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.09678		mg/Kg		97	70 - 130		
m,p-Xylenes			0.200	0.1973		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09646		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-121473/2-A
Matrix: Solid
Analysis Batch: 121425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121473

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1014		mg/Kg		101	70 - 130	5	35
Toluene			0.100	0.09238		mg/Kg		92	70 - 130	3	35
Ethylbenzene			0.100	0.09226		mg/Kg		92	70 - 130	5	35
m,p-Xylenes			0.200	0.1887		mg/Kg		94	70 - 130	4	35
o-Xylene			0.100	0.09285		mg/Kg		93	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-63976-1 MS
Matrix: Solid
Analysis Batch: 121425

Client Sample ID: CS 1 (3')
Prep Type: Total/NA
Prep Batch: 121473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1063		mg/Kg		106	70 - 130		
Toluene	<0.00200	U	0.100	0.09212		mg/Kg		92	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-1 MS
Matrix: Solid
Analysis Batch: 121425

Client Sample ID: CS 1 (3')
Prep Type: Total/NA
Prep Batch: 121473

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09339		mg/Kg		93	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1926		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.100	0.09313		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-63976-1 MSD
Matrix: Solid
Analysis Batch: 121425

Client Sample ID: CS 1 (3')
Prep Type: Total/NA
Prep Batch: 121473

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	0.09383		mg/Kg		94	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.08285		mg/Kg		83	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.100	0.08507		mg/Kg		85	70 - 130	9	35
m,p-Xylenes	<0.00400	U	0.200	0.1745		mg/Kg		87	70 - 130	10	35
o-Xylene	<0.00200	U	0.100	0.08399		mg/Kg		84	70 - 130	10	35

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

Lab Sample ID: MB 880-121474/5-A
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:28	10/17/25 23:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:28	10/17/25 23:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*188*	*S1+*	*70 - 130*	*10/17/25 15:28*	*10/17/25 23:10*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*10/17/25 15:28*	*10/17/25 23:10*	*1*

Lab Sample ID: LCS 880-121474/1-A
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121474

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1105		mg/Kg		110	70 - 130
Toluene	0.100	0.1184		mg/Kg		118	70 - 130
Ethylbenzene	0.100	0.1285		mg/Kg		129	70 - 130
m,p-Xylenes	0.200	0.2746	*+	mg/Kg		137	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-121474/1-A
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121474

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1395	*+	mg/Kg		139	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*187*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 880-121474/2-A
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121474

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1060		mg/Kg		106	70 - 130	4	35
Toluene			0.100	0.1064		mg/Kg		106	70 - 130	11	35
Ethylbenzene			0.100	0.1129		mg/Kg		113	70 - 130	13	35
m,p-Xylenes			0.200	0.2374		mg/Kg		119	70 - 130	15	35
o-Xylene			0.100	0.1203		mg/Kg		120	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*

Lab Sample ID: 880-63976-21 MS
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: CS 21 (5')
Prep Type: Total/NA
Prep Batch: 121474

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1035		mg/Kg		103	70 - 130		
Toluene	<0.00200	U	0.100	0.1097		mg/Kg		110	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1162		mg/Kg		116	70 - 130		
m,p-Xylenes	<0.00400	U *+	0.200	0.2436		mg/Kg		122	70 - 130		
o-Xylene	<0.00200	U *+	0.100	0.1224		mg/Kg		122	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*181*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*

Lab Sample ID: 880-63976-21 MSD
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: CS 21 (5')
Prep Type: Total/NA
Prep Batch: 121474

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	0.08739		mg/Kg		87	70 - 130	17	35
Toluene	<0.00200	U	0.100	0.1030		mg/Kg		103	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.1155		mg/Kg		116	70 - 130	1	35
m,p-Xylenes	<0.00400	U *+	0.200	0.2529		mg/Kg		126	70 - 130	4	35
o-Xylene	<0.00200	U *+	0.100	0.1283		mg/Kg		128	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-21 MSD
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: CS 21 (5')
Prep Type: Total/NA
Prep Batch: 121474

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	194	S1+	70 - 130
1,4-Difluorobenzene (Surr)	73		70 - 130

Lab Sample ID: MB 880-121475/5-A
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121475

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:28	10/17/25 23:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:28	10/17/25 23:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:28	10/17/25 23:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	10/17/25 15:28	10/17/25 23:47	1
1,4-Difluorobenzene (Surr)	90		70 - 130	10/17/25 15:28	10/17/25 23:47	1

Lab Sample ID: LCS 880-121475/1-A
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121475

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07638		mg/Kg		76	70 - 130		
Toluene			0.100	0.07321		mg/Kg		73	70 - 130		
Ethylbenzene			0.100	0.07945		mg/Kg		79	70 - 130		
m,p-Xylenes			0.200	0.1412		mg/Kg		71	70 - 130		
o-Xylene			0.100	0.07374		mg/Kg		74	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-121475/2-A
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121475

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	31	35
Toluene			0.100	0.09459		mg/Kg		95	70 - 130	25	35
Ethylbenzene			0.100	0.1127		mg/Kg		113	70 - 130	35	35
m,p-Xylenes			0.200	0.1910		mg/Kg		95	70 - 130	30	35
o-Xylene			0.100	0.09557		mg/Kg		96	70 - 130	26	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-121475/2-A
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121475

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

Lab Sample ID: 880-63976-41 MS
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: CS 41 (3')
Prep Type: Total/NA
Prep Batch: 121475

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08719		mg/Kg		87	70 - 130
Toluene	<0.00200	U	0.100	0.07130		mg/Kg		71	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1791		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.08525		mg/Kg		85	70 - 130

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

Lab Sample ID: 880-63976-41 MSD
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: CS 41 (3')
Prep Type: Total/NA
Prep Batch: 121475

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	0.08329		mg/Kg		83	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.07481		mg/Kg		75	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.08550		mg/Kg		85	70 - 130	16	35
m,p-Xylenes	<0.00400	U	0.200	0.1638		mg/Kg		82	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.08191		mg/Kg		82	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 880-121476/5-A
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:07	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:29	10/18/25 10:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 10:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:29	10/18/25 10:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	196	S1+	70 - 130	10/17/25 15:29	10/18/25 10:07	1
1,4-Difluorobenzene (Surr)	86		70 - 130	10/17/25 15:29	10/18/25 10:07	1

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-121476/1-A
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121476

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1134		mg/Kg		113	70 - 130		
Toluene			0.100	0.1143		mg/Kg		114	70 - 130		
Ethylbenzene			0.100	0.1194		mg/Kg		119	70 - 130		
m,p-Xylenes			0.200	0.2467		mg/Kg		123	70 - 130		
o-Xylene			0.100	0.1273		mg/Kg		127	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*174*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

Lab Sample ID: LCSD 880-121476/2-A
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121476

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1008		mg/Kg		101	70 - 130	12	35
Toluene			0.100	0.1003		mg/Kg		100	70 - 130	13	35
Ethylbenzene			0.100	0.1043		mg/Kg		104	70 - 130	14	35
m,p-Xylenes			0.200	0.2144		mg/Kg		107	70 - 130	14	35
o-Xylene			0.100	0.1103		mg/Kg		110	70 - 130	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*157*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-63976-61 MS
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: CS 61 (2')
Prep Type: Total/NA
Prep Batch: 121476

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.100	0.04008	F1	mg/Kg		40	70 - 130		
Toluene	<0.00200	U F1 F2	0.100	0.03157	F1	mg/Kg		32	70 - 130		
Ethylbenzene	<0.00200	U F1 F2	0.100	0.03317	F1	mg/Kg		33	70 - 130		
m,p-Xylenes	<0.00400	U F1 F2	0.200	0.06617	F1	mg/Kg		33	70 - 130		
o-Xylene	<0.00200	U F1 F2	0.100	0.03657	F1	mg/Kg		37	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*53*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: 880-63976-61 MSD
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: CS 61 (2')
Prep Type: Total/NA
Prep Batch: 121476

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.03524	F1	mg/Kg		35	70 - 130	13	35
Toluene	<0.00200	U F1 F2	0.100	0.02195	F1 F2	mg/Kg		22	70 - 130	36	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.01820	F1 F2	mg/Kg		18	70 - 130	58	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-61 MSD
Matrix: Solid
Analysis Batch: 121424

Client Sample ID: CS 61 (2')
Prep Type: Total/NA
Prep Batch: 121476

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00400	U F1 F2	0.200	0.03180	F1 F2	mg/Kg		16	70 - 130	70	35
o-Xylene	<0.00200	U F1 F2	0.100	0.01887	F1 F2	mg/Kg		19	70 - 130	64	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*39*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-121477/5-A
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 11:24	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:29	10/18/25 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:29	10/18/25 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:29	10/18/25 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*180*	*S1+*	*70 - 130*	*10/17/25 15:29*	*10/18/25 11:24*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/17/25 15:29*	*10/18/25 11:24*	*1*

Lab Sample ID: LCS 880-121477/1-A
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1030		mg/Kg		103	70 - 130
Toluene	0.100	0.08455		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.1001		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.1886		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09671		mg/Kg		97	70 - 130

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

Lab Sample ID: LCSD 880-121477/2-A
Matrix: Solid
Analysis Batch: 121426

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121477

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1036		mg/Kg		104	70 - 130	1	35
Toluene	0.100	0.08369		mg/Kg		84	70 - 130	1	35
Ethylbenzene	0.100	0.09853		mg/Kg		99	70 - 130	2	35
m,p-Xylenes	0.200	0.1826		mg/Kg		91	70 - 130	3	35
o-Xylene	0.100	0.09467		mg/Kg		95	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
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)	107		70 - 130

Lab Sample ID: 880-63976-81 MS — **Client Sample ID: CS-81 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121426 — **Prep Batch: 121477**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07253		mg/Kg		73	70 - 130
Toluene	<0.00200	U F1	0.100	0.06117	F1	mg/Kg		61	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06221	F1	mg/Kg		61	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1405		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.100	0.07708		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-63976-81 MSD — **Client Sample ID: CS-81 (2')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121426 — **Prep Batch: 121477**

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	0.09578		mg/Kg		96	70 - 130	28	35
Toluene	<0.00200	U F1	0.100	0.08110		mg/Kg		81	70 - 130	28	35
Ethylbenzene	<0.00200	U F1	0.100	0.08387		mg/Kg		83	70 - 130	30	35
m,p-Xylenes	<0.00400	U	0.200	0.1735		mg/Kg		87	70 - 130	21	35
o-Xylene	<0.00200	U	0.100	0.09309		mg/Kg		93	70 - 130	19	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-121478/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121497 — **Prep Batch: 121478**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:01	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:30	10/18/25 18:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/18/25 18:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:30	10/18/25 18:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	10/17/25 15:30	10/18/25 18:01	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/17/25 15:30	10/18/25 18:01	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-121478/1-A
Matrix: Solid
Analysis Batch: 121497

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121478

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1080		mg/Kg		108	70 - 130		
Toluene			0.100	0.09773		mg/Kg		98	70 - 130		
Ethylbenzene			0.100	0.09825		mg/Kg		98	70 - 130		
m,p-Xylenes			0.200	0.2003		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.09791		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-121478/2-A
Matrix: Solid
Analysis Batch: 121497

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121478

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1131		mg/Kg		113	70 - 130	5	35
Toluene			0.100	0.09928		mg/Kg		99	70 - 130	2	35
Ethylbenzene			0.100	0.09940		mg/Kg		99	70 - 130	1	35
m,p-Xylenes			0.200	0.2044		mg/Kg		102	70 - 130	2	35
o-Xylene			0.100	0.09961		mg/Kg		100	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-63976-101 MS
Matrix: Solid
Analysis Batch: 121497

Client Sample ID: SW-1 (3')
Prep Type: Total/NA
Prep Batch: 121478

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1080		mg/Kg		108	70 - 130		
Toluene	<0.00200	U	0.100	0.09246		mg/Kg		92	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09334		mg/Kg		93	70 - 130		
m,p-Xylenes	<0.00400	U	0.200	0.1925		mg/Kg		96	70 - 130		
o-Xylene	<0.00200	U	0.100	0.09307		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 880-63976-101 MSD
Matrix: Solid
Analysis Batch: 121497

Client Sample ID: SW-1 (3')
Prep Type: Total/NA
Prep Batch: 121478

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	0.1072		mg/Kg		107	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09248		mg/Kg		92	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09301		mg/Kg		93	70 - 130	0	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-101 MSD
Matrix: Solid
Analysis Batch: 121497

Client Sample ID: SW-1 (3')
Prep Type: Total/NA
Prep Batch: 121478

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00400	U	0.200	0.1913		mg/Kg		96	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09325		mg/Kg		93	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-121479/5-A
Matrix: Solid
Analysis Batch: 121499

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121479

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:30	10/19/25 21:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:30	10/19/25 21:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:30	10/19/25 21:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/17/25 15:30*	*10/19/25 21:12*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/17/25 15:30*	*10/19/25 21:12*	*1*

Lab Sample ID: LCS 880-121479/1-A
Matrix: Solid
Analysis Batch: 121499

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121479

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1069		mg/Kg		107	70 - 130
Toluene	0.100	0.09499		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09996		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.2065		mg/Kg		103	70 - 130
o-Xylene	0.100	0.09996		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-121479/2-A
Matrix: Solid
Analysis Batch: 121499

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121479

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1085		mg/Kg		109	70 - 130	1	35
Toluene	0.100	0.09900		mg/Kg		99	70 - 130	4	35
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130	2	35
m,p-Xylenes	0.200	0.2088		mg/Kg		104	70 - 130	1	35
o-Xylene	0.100	0.1019		mg/Kg		102	70 - 130	2	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
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)	106		70 - 130

Lab Sample ID: 880-63976-121 MS — **Client Sample ID: SW-21 (3')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121499 — **Prep Batch: 121479**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09128		mg/Kg		91	70 - 130
Toluene	<0.00200	U	0.100	0.07778		mg/Kg		78	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08947		mg/Kg		89	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1788		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U	0.100	0.08392		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-63976-121 MSD — **Client Sample ID: SW-21 (3')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121499 — **Prep Batch: 121479**

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	0.09000		mg/Kg		90	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.07941		mg/Kg		79	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08564		mg/Kg		86	70 - 130	4	35
m,p-Xylenes	<0.00400	U	0.200	0.1797		mg/Kg		90	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08600		mg/Kg		86	70 - 130	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-121480/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121505 — **Prep Batch: 121480**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 11:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 11:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 11:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/17/25 15:31	10/20/25 11:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/25 15:31	10/20/25 11:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/25 15:31	10/20/25 11:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	214	S1+	70 - 130	10/17/25 15:31	10/20/25 11:21	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/17/25 15:31	10/20/25 11:21	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-121480/1-A
Matrix: Solid
Analysis Batch: 121505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121480

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1014		mg/Kg		101	70 - 130		
Toluene			0.100	0.09963		mg/Kg		100	70 - 130		
Ethylbenzene			0.100	0.1034		mg/Kg		103	70 - 130		
m,p-Xylenes			0.200	0.2164		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1102		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*165*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*

Lab Sample ID: LCSD 880-121480/2-A
Matrix: Solid
Analysis Batch: 121505

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121480

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09267		mg/Kg		93	70 - 130	9	35
Toluene			0.100	0.09588		mg/Kg		96	70 - 130	4	35
Ethylbenzene			0.100	0.1028		mg/Kg		103	70 - 130	1	35
m,p-Xylenes			0.200	0.2199		mg/Kg		110	70 - 130	2	35
o-Xylene			0.100	0.1118		mg/Kg		112	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*159*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-63976-141 MS
Matrix: Solid
Analysis Batch: 121505

Client Sample ID: SW-41 (3')
Prep Type: Total/NA
Prep Batch: 121480

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1012		mg/Kg		101	70 - 130		
Toluene	<0.00200	U	0.100	0.1037		mg/Kg		104	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1081		mg/Kg		108	70 - 130		
m,p-Xylenes	<0.00400	U	0.200	0.2302		mg/Kg		115	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1148		mg/Kg		115	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-63976-141 MSD
Matrix: Solid
Analysis Batch: 121505

Client Sample ID: SW-41 (3')
Prep Type: Total/NA
Prep Batch: 121480

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	0.08215		mg/Kg		82	70 - 130	21	35
Toluene	<0.00200	U	0.100	0.09665		mg/Kg		97	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.1066		mg/Kg		107	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-141 MSD
Matrix: Solid
Analysis Batch: 121505

Client Sample ID: SW-41 (3')
Prep Type: Total/NA
Prep Batch: 121480

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00400	U	0.200	0.2361		mg/Kg		118	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1139		mg/Kg		114	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*155*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 880-121502/5-A
Matrix: Solid
Analysis Batch: 121506

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/19/25 19:21	10/20/25 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/19/25 19:21	10/20/25 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/19/25 19:21	10/20/25 11:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/19/25 19:21	10/20/25 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/19/25 19:21	10/20/25 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/19/25 19:21	10/20/25 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/19/25 19:21*	*10/20/25 11:28*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/19/25 19:21*	*10/20/25 11:28*	*1*

Lab Sample ID: LCS 880-121502/1-A
Matrix: Solid
Analysis Batch: 121506

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121502

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1121		mg/Kg		112	70 - 130
Toluene	0.100	0.09948		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1014		mg/Kg		101	70 - 130
m,p-Xylenes	0.200	0.2116		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1023		mg/Kg		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-121502/2-A
Matrix: Solid
Analysis Batch: 121506

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121502

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1168		mg/Kg		117	70 - 130	4	35
Toluene	0.100	0.1034		mg/Kg		103	70 - 130	4	35
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130	4	35
m,p-Xylenes	0.200	0.2185		mg/Kg		109	70 - 130	3	35
o-Xylene	0.100	0.1059		mg/Kg		106	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
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)	106		70 - 130

Lab Sample ID: 890-8968-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121506 — **Prep Batch: 121502**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1002		mg/Kg		100	70 - 130
Toluene	<0.00200	U	0.100	0.08836		mg/Kg		88	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08800		mg/Kg		88	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1815		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.08804		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-8968-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121506 — **Prep Batch: 121502**

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	0.1078		mg/Kg		108	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.09081		mg/Kg		91	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08917		mg/Kg		89	70 - 130	1	35
m,p-Xylenes	<0.00399	U	0.200	0.1847		mg/Kg		92	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.08831		mg/Kg		88	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-121617/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121619 — **Prep Batch: 121617**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 12:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 12:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 12:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/21/25 08:20	10/21/25 12:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/21/25 08:20	10/21/25 12:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/21/25 08:20	10/21/25 12:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130	10/21/25 08:20	10/21/25 12:22	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/21/25 08:20	10/21/25 12:22	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-121617/1-A
Matrix: Solid
Analysis Batch: 121619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121617

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1295		mg/Kg		129	70 - 130		
Toluene			0.100	0.1064		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1099		mg/Kg		110	70 - 130		
m,p-Xylenes			0.200	0.2264		mg/Kg		113	70 - 130		
o-Xylene			0.100	0.1132		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-121617/2-A
Matrix: Solid
Analysis Batch: 121619

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121617

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1246		mg/Kg		125	70 - 130	4	35
Toluene			0.100	0.09338		mg/Kg		93	70 - 130	13	35
Ethylbenzene			0.100	0.09274		mg/Kg		93	70 - 130	17	35
m,p-Xylenes			0.200	0.1831		mg/Kg		92	70 - 130	21	35
o-Xylene			0.100	0.09007		mg/Kg		90	70 - 130	23	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-63976-151 MS
Matrix: Solid
Analysis Batch: 121619

Client Sample ID: SW-51 (2')
Prep Type: Total/NA
Prep Batch: 121617

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.1171		mg/Kg		117	70 - 130		
Toluene	<0.00200	U	0.100	0.09683		mg/Kg		97	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09891		mg/Kg		99	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.2042		mg/Kg		102	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1036		mg/Kg		104	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-63976-151 MSD
Matrix: Solid
Analysis Batch: 121619

Client Sample ID: SW-51 (2')
Prep Type: Total/NA
Prep Batch: 121617

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	0.1209		mg/Kg		121	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.09709		mg/Kg		97	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.09899		mg/Kg		99	70 - 130	0	35

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-151 MSD
Matrix: Solid
Analysis Batch: 121619

Client Sample ID: SW-51 (2')
Prep Type: Total/NA
Prep Batch: 121617

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	0.2028		mg/Kg		101	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.1031		mg/Kg		103	70 - 130	0	35

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

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

Lab Sample ID: MB 880-121481/1-A
Matrix: Solid
Analysis Batch: 121452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121481

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		10/17/25 15:32	10/17/25 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/25 15:32	10/17/25 19:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/25 15:32	10/17/25 19:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*10/17/25 15:32*	*10/17/25 19:45*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*10/17/25 15:32*	*10/17/25 19:45*	*1*

Lab Sample ID: LCS 880-121481/2-A
Matrix: Solid
Analysis Batch: 121452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121481

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	933.4		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1025		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*87*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-121481/3-A
Matrix: Solid
Analysis Batch: 121452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121481

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	942.8		mg/Kg		94	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1044		mg/Kg		104	70 - 130	2	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-121481/3-A
Matrix: Solid
Analysis Batch: 121452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121481

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 880-63976-1 MS
Matrix: Solid
Analysis Batch: 121452

Client Sample ID: CS 1 (3')
Prep Type: Total/NA
Prep Batch: 121481

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	808.6		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	880.1		mg/Kg		88	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	72		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 880-63976-1 MSD
Matrix: Solid
Analysis Batch: 121452

Client Sample ID: CS 1 (3')
Prep Type: Total/NA
Prep Batch: 121481

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	818.0		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	891.8		mg/Kg		89	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	73		70 - 130
o-Terphenyl (Surr)	85		70 - 130

Lab Sample ID: MB 880-121482/1-A
Matrix: Solid
Analysis Batch: 121728

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121482

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		10/17/25 15:36	10/21/25 23:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/25 15:36	10/21/25 23:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/25 15:36	10/21/25 23:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130	10/17/25 15:36	10/21/25 23:29	1
o-Terphenyl (Surr)	84		70 - 130	10/17/25 15:36	10/21/25 23:29	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-121482/2-A
Matrix: Solid
Analysis Batch: 121728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121482

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	914.7		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	981.4		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*80*		*70 - 130*
o-Terphenyl (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-121482/3-A
Matrix: Solid
Analysis Batch: 121728

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121482

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	923.2		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	972.5		mg/Kg		97	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*81*		*70 - 130*
o-Terphenyl (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-63976-21 MS
Matrix: Solid
Analysis Batch: 121728

Client Sample ID: CS 21 (5')
Prep Type: Total/NA
Prep Batch: 121482

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	997.4		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	999	1078		mg/Kg		108	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*94*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-63976-21 MSD
Matrix: Solid
Analysis Batch: 121728

Client Sample ID: CS 21 (5')
Prep Type: Total/NA
Prep Batch: 121482

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	933.9		mg/Kg		93	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.7	U	999	917.1		mg/Kg		92	70 - 130	16	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-21 MSD
Matrix: Solid
Analysis Batch: 121728

Client Sample ID: CS 21 (5')
Prep Type: Total/NA
Prep Batch: 121482

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: MB 880-121483/1-A
Matrix: Solid
Analysis Batch: 121753

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121483

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		10/17/25 15:40	10/22/25 06:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/25 15:40	10/22/25 06:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/25 15:40	10/22/25 06:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	10/17/25 15:40	10/22/25 06:36	1
o-Terphenyl (Surr)	94		70 - 130	10/17/25 15:40	10/22/25 06:36	1

Lab Sample ID: LCS 880-121483/2-A
Matrix: Solid
Analysis Batch: 121753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121483

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	950.5		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1053		mg/Kg		105	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-121483/3-A
Matrix: Solid
Analysis Batch: 121753

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1050		mg/Kg		105	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1081		mg/Kg		108	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	117		70 - 130
o-Terphenyl (Surr)	111		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-41 MS — **Client Sample ID: CS 41 (3')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121753 — **Prep Batch: 121483**

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	996	830.6		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	186	F1	996	867.4	F1	mg/Kg		68	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*70*		*70 - 130*
o-Terphenyl (Surr)	*82*		*70 - 130*

Lab Sample ID: 880-63976-41 MSD — **Client Sample ID: CS 41 (3')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121753 — **Prep Batch: 121483**

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	996	844.0		mg/Kg		83	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	186	F1	996	886.9		mg/Kg		70	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*72*		*70 - 130*
o-Terphenyl (Surr)	*82*		*70 - 130*

Lab Sample ID: MB 880-121509/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121532 — **Prep Batch: 121509**

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		10/20/25 08:36	10/20/25 08:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 08:36	10/20/25 08:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 08:36	10/20/25 08:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*10/20/25 08:36*	*10/20/25 08:33*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*10/20/25 08:36*	*10/20/25 08:33*	*1*

Lab Sample ID: LCS 880-121509/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121532 — **Prep Batch: 121509**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	810.2		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	787.3		mg/Kg		79	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-121509/2-A
Matrix: Solid
Analysis Batch: 121532

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121509

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: LCSD 880-121509/3-A
Matrix: Solid
Analysis Batch: 121532

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121509

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	790.3		mg/Kg		79	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	831.2		mg/Kg		83	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	71		70 - 130
o-Terphenyl (Surr)	85		70 - 130

Lab Sample ID: 890-8968-A-1-H MS
Matrix: Solid
Analysis Batch: 121532

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 121509

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	747.4		mg/Kg		73	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	738.3		mg/Kg		74	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	80		70 - 130

Lab Sample ID: 890-8968-A-1-I MSD
Matrix: Solid
Analysis Batch: 121532

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 121509

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	756.6		mg/Kg		74	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	768.6		mg/Kg		77	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	83		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-121513/1-A
Matrix: Solid
Analysis Batch: 121534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121513

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		10/20/25 08:42	10/20/25 08:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 08:42	10/20/25 08:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 08:42	10/20/25 08:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*10/20/25 08:42*	*10/20/25 08:33*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*10/20/25 08:42*	*10/20/25 08:33*	*1*

Lab Sample ID: LCS 880-121513/2-A
Matrix: Solid
Analysis Batch: 121534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	856.0		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	830.8		mg/Kg		83	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Lab Sample ID: LCSD 880-121513/3-A
Matrix: Solid
Analysis Batch: 121534

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121513

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	854.0		mg/Kg		85	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	834.9		mg/Kg		83	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*101*		*70 - 130*
o-Terphenyl (Surr)	*119*		*70 - 130*

Lab Sample ID: 890-8968-A-6-D MS
Matrix: Solid
Analysis Batch: 121534

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 121513

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	907.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	910.2		mg/Kg		91	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-8968-A-6-D MS
Matrix: Solid
Analysis Batch: 121534

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 121513

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	128		70 - 130

Lab Sample ID: 890-8968-A-6-E MSD
Matrix: Solid
Analysis Batch: 121534

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 121513

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	795.8		mg/Kg		80	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	783.1		mg/Kg		78	70 - 130	15	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	107		70 - 130

Lab Sample ID: MB 880-121542/1-A
Matrix: Solid
Analysis Batch: 121534

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121542

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		10/20/25 12:14	10/20/25 16:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:14	10/20/25 16:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:14	10/20/25 16:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	10/20/25 12:14	10/20/25 16:59	1
o-Terphenyl (Surr)	98		70 - 130	10/20/25 12:14	10/20/25 16:59	1

Lab Sample ID: LCS 880-121542/2-A
Matrix: Solid
Analysis Batch: 121534

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	941.1		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	931.8		mg/Kg		93	70 - 130

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

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-121542/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121534 — **Prep Batch: 121542**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	897.1		mg/Kg		90	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	878.8		mg/Kg		88	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*105*		*70 - 130*
o-Terphenyl (Surr)	*124*		*70 - 130*

Lab Sample ID: 880-63976-91 MS — **Client Sample ID: CS-91 (6')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121534 — **Prep Batch: 121542**

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	996	861.3		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	112		996	863.6		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*113*		*70 - 130*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*

Lab Sample ID: 880-63976-91 MSD — **Client Sample ID: CS-91 (6')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121534 — **Prep Batch: 121542**

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	996	822.9		mg/Kg		83	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	112		996	867.7		mg/Kg		76	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-121544/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121538 — **Prep Batch: 121544**

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		10/20/25 12:32	10/20/25 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:32	10/20/25 20:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:32	10/20/25 20:26	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-121544/1-A
Matrix: Solid
Analysis Batch: 121538

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121544

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	10/20/25 12:32	10/20/25 20:26	1
o-Terphenyl (Surr)	120		70 - 130	10/20/25 12:32	10/20/25 20:26	1

Lab Sample ID: LCS 880-121544/2-A
Matrix: Solid
Analysis Batch: 121538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121544

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	794.0		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	866.2		mg/Kg		87	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	117		70 - 130
o-Terphenyl (Surr)	127		70 - 130

Lab Sample ID: LCSD 880-121544/3-A
Matrix: Solid
Analysis Batch: 121538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121544

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	871.5		mg/Kg		87	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	979.0		mg/Kg		98	70 - 130	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	144	S1+	70 - 130

Lab Sample ID: 880-63976-111 MS
Matrix: Solid
Analysis Batch: 121538

Client Sample ID: SW-11 (5')
Prep Type: Total/NA
Prep Batch: 121544

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	996	823.0		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.7	U	996	897.2		mg/Kg		90	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	120		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-111 MSD — **Client Sample ID: SW-11 (5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121538 — **Prep Batch: 121544**

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	996	831.8		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	996	921.4		mg/Kg		93	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*109*		*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Lab Sample ID: MB 880-121546/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121731 — **Prep Batch: 121546**

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		10/20/25 12:41	10/21/25 23:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/21/25 23:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 12:41	10/21/25 23:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*10/20/25 12:41*	*10/21/25 23:29*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*10/20/25 12:41*	*10/21/25 23:29*	*1*

Lab Sample ID: LCS 880-121546/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121731 — **Prep Batch: 121546**

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	995.3		mg/Kg		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*111*		*70 - 130*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-121546/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 121731 — **Prep Batch: 121546**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	918.6		mg/Kg		92	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	1000	879.7		mg/Kg		88	70 - 130	12	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-121546/3-A
Matrix: Solid
Analysis Batch: 121731

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121546

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: 880-63976-131 MS
Matrix: Solid
Analysis Batch: 121731

Client Sample ID: SW-31 (3')
Prep Type: Total/NA
Prep Batch: 121546

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	861.2		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	890.4		mg/Kg		89	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	136	S1+	70 - 130
o-Terphenyl (Surr)	152	S1+	70 - 130

Lab Sample ID: 880-63976-131 MSD
Matrix: Solid
Analysis Batch: 121731

Client Sample ID: SW-31 (3')
Prep Type: Total/NA
Prep Batch: 121546

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	852.9		mg/Kg		85	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	866.3		mg/Kg		86	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	152	S1+	70 - 130

Lab Sample ID: MB 880-121556/1-A
Matrix: Solid
Analysis Batch: 121687

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121556

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		10/20/25 14:08	10/21/25 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 18:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/20/25 14:08	10/21/25 18:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130	10/20/25 14:08	10/21/25 18:53	1
o-Terphenyl (Surr)	88		70 - 130	10/20/25 14:08	10/21/25 18:53	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-121556/2-A
Matrix: Solid
Analysis Batch: 121687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121556

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	926.7		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1116		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*127*		*70 - 130*

Lab Sample ID: LCSD 880-121556/3-A
Matrix: Solid
Analysis Batch: 121687

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121556

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	951.8		mg/Kg		95	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1195		mg/Kg		119	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*122*		*70 - 130*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*

Lab Sample ID: 880-63976-151 MS
Matrix: Solid
Analysis Batch: 121687

Client Sample ID: SW-51 (2')
Prep Type: Total/NA
Prep Batch: 121556

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	991	613.3	F1	mg/Kg		62	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	991	732.6		mg/Kg		74	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*117*		*70 - 130*
o-Terphenyl (Surr)	*121*		*70 - 130*

Lab Sample ID: 880-63976-151 MSD
Matrix: Solid
Analysis Batch: 121687

Client Sample ID: SW-51 (2')
Prep Type: Total/NA
Prep Batch: 121556

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	991	608.9	F1	mg/Kg		61	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	991	737.5		mg/Kg		74	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*114*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63976-151 MSD
Matrix: Solid
Analysis Batch: 121687

Client Sample ID: SW-51 (2')
Prep Type: Total/NA
Prep Batch: 121556

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	121		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121486/1-A
Matrix: Solid
Analysis Batch: 121541

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			10/20/25 14:03	1

Lab Sample ID: LCS 880-121486/2-A
Matrix: Solid
Analysis Batch: 121541

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	264.5		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-121486/3-A
Matrix: Solid
Analysis Batch: 121541

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	266.0		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-63976-1 MS
Matrix: Solid
Analysis Batch: 121541

Client Sample ID: CS 1 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	202	F1	252	344.3	F1	mg/Kg		56	90 - 110		

Lab Sample ID: 880-63976-1 MSD
Matrix: Solid
Analysis Batch: 121541

Client Sample ID: CS 1 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	202	F1	252	335.0	F1	mg/Kg		53	90 - 110	3	20

Lab Sample ID: 880-63976-11 MS
Matrix: Solid
Analysis Batch: 121541

Client Sample ID: CS 11 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	165	F1	248	382.7	F1	mg/Kg		88	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-63976-11 MSD — **Client Sample ID: CS 11 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	165	F1	248	395.0		mg/Kg		93	90 - 110	3	20

Lab Sample ID: MB 880-121487/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121543

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/20/25 15:26	1

Lab Sample ID: LCS 880-121487/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121543

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-121487/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121543

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	240.9		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-63976-21 MS — **Client Sample ID: CS 21 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121543

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	196	F1	249	405.9	F1	mg/Kg		84	90 - 110

Lab Sample ID: 880-63976-21 MSD — **Client Sample ID: CS 21 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121543

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	196	F1	249	406.1	F1	mg/Kg		84	90 - 110	0	20

Lab Sample ID: 880-63976-31 MS — **Client Sample ID: CS 31 (3')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121543

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	273		251	501.5		mg/Kg		91	90 - 110

Lab Sample ID: 880-63976-31 MSD — **Client Sample ID: CS 31 (3')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121543

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	273		251	502.3		mg/Kg		91	90 - 110	0	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121488/1-A
Matrix: Solid
Analysis Batch: 121545

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			10/20/25 17:41	1

Lab Sample ID: LCS 880-121488/2-A
Matrix: Solid
Analysis Batch: 121545

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.2		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-121488/3-A
Matrix: Solid
Analysis Batch: 121545

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	266.1		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-63976-41 MS
Matrix: Solid
Analysis Batch: 121545

Client Sample ID: CS 41 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	313		252	556.2		mg/Kg		96	90 - 110

Lab Sample ID: 880-63976-41 MSD
Matrix: Solid
Analysis Batch: 121545

Client Sample ID: CS 41 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	313		252	569.8		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 880-63976-51 MS
Matrix: Solid
Analysis Batch: 121545

Client Sample ID: CS 51 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	354		248	606.5		mg/Kg		102	90 - 110

Lab Sample ID: 880-63976-51 MSD
Matrix: Solid
Analysis Batch: 121545

Client Sample ID: CS 51 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	354		248	604.8		mg/Kg		101	90 - 110	0	20

Lab Sample ID: MB 880-121489/1-A
Matrix: Solid
Analysis Batch: 121547

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			10/20/25 21:07	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-121489/2-A
Matrix: Solid
Analysis Batch: 121547

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 880-121489/3-A
Matrix: Solid
Analysis Batch: 121547

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	265.8		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-63976-61 MS
Matrix: Solid
Analysis Batch: 121547

Client Sample ID: CS 61 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	257	F1	252	511.3		mg/Kg		101	90 - 110		

Lab Sample ID: 880-63976-61 MSD
Matrix: Solid
Analysis Batch: 121547

Client Sample ID: CS 61 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	257	F1	252	536.2	F1	mg/Kg		111	90 - 110	5	20

Lab Sample ID: 880-63976-71 MS
Matrix: Solid
Analysis Batch: 121547

Client Sample ID: CS-71 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	289		249	518.7		mg/Kg		92	90 - 110		

Lab Sample ID: 880-63976-71 MSD
Matrix: Solid
Analysis Batch: 121547

Client Sample ID: CS-71 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	289		249	520.4		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-121490/1-A
Matrix: Solid
Analysis Batch: 121548

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			10/20/25 18:29	1

Lab Sample ID: LCS 880-121490/2-A
Matrix: Solid
Analysis Batch: 121548

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.6		mg/Kg		97	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-121490/3-A
Matrix: Solid
Analysis Batch: 121548

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	243.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-63976-81 MS
Matrix: Solid
Analysis Batch: 121548

Client Sample ID: CS-81 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	214	F1	250	424.5	F1	mg/Kg		84	90 - 110		

Lab Sample ID: 880-63976-81 MSD
Matrix: Solid
Analysis Batch: 121548

Client Sample ID: CS-81 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	214	F1	250	419.1	F1	mg/Kg		82	90 - 110	1	20

Lab Sample ID: 880-63976-91 MS
Matrix: Solid
Analysis Batch: 121548

Client Sample ID: CS-91 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	221		248	449.3		mg/Kg		92	90 - 110		

Lab Sample ID: 880-63976-91 MSD
Matrix: Solid
Analysis Batch: 121548

Client Sample ID: CS-91 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	221		248	450.4		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-121491/1-A
Matrix: Solid
Analysis Batch: 121568

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			10/20/25 21:33	1

Lab Sample ID: LCS 880-121491/2-A
Matrix: Solid
Analysis Batch: 121568

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.4		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-121491/3-A
Matrix: Solid
Analysis Batch: 121568

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	247.9		mg/Kg		99	90 - 110	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-63976-101 MS
Matrix: Solid
Analysis Batch: 121568

Client Sample ID: SW-1 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.3	F1	252	329.0	F1	mg/Kg		126	90 - 110

Lab Sample ID: 880-63976-101 MSD
Matrix: Solid
Analysis Batch: 121568

Client Sample ID: SW-1 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.3	F1	252	329.3	F1	mg/Kg		126	90 - 110	0	20

Lab Sample ID: 880-63976-111 MS
Matrix: Solid
Analysis Batch: 121568

Client Sample ID: SW-11 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	157		249	385.8		mg/Kg		92	90 - 110

Lab Sample ID: 880-63976-111 MSD
Matrix: Solid
Analysis Batch: 121568

Client Sample ID: SW-11 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	157		249	385.8		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-121493/1-A
Matrix: Solid
Analysis Batch: 121569

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			10/21/25 00:32	1

Lab Sample ID: LCS 880-121493/2-A
Matrix: Solid
Analysis Batch: 121569

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.0		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-121493/3-A
Matrix: Solid
Analysis Batch: 121569

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	259.4		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-63976-141 MS
Matrix: Solid
Analysis Batch: 121569

Client Sample ID: SW-41 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	270	F1	251	485.0	F1	mg/Kg		86	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-63976-141 MSD — **Client Sample ID: SW-41 (3')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121569

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	270	F1	251	500.7		mg/Kg		92	90 - 110	3	20

Lab Sample ID: 880-63976-151 MS — **Client Sample ID: SW-51 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121569

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	312	F1	248	531.5	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-63976-151 MSD — **Client Sample ID: SW-51 (2')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121569

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	312	F1	248	531.4	F1	mg/Kg		89	90 - 110	0	20

Lab Sample ID: MB 880-121492/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121570

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/21/25 00:36	1

Lab Sample ID: LCS 880-121492/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121570

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-121492/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121570

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.2		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-63976-121 MS — **Client Sample ID: SW-21 (3')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121570

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	210		250	460.3		mg/Kg		100	90 - 110

Lab Sample ID: 880-63976-121 MSD — **Client Sample ID: SW-21 (3')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 121570

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	210		250	455.8		mg/Kg		99	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-63976-131 MS
Matrix: Solid
Analysis Batch: 121570

Client Sample ID: SW-31 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	236		251	477.3		mg/Kg		96	90 - 110

Lab Sample ID: 880-63976-131 MSD
Matrix: Solid
Analysis Batch: 121570

Client Sample ID: SW-31 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	236		251	477.7		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-121514/1-A
Matrix: Solid
Analysis Batch: 121623

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			10/21/25 03:40	1

Lab Sample ID: LCS 880-121514/2-A
Matrix: Solid
Analysis Batch: 121623

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.7		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-121514/3-A
Matrix: Solid
Analysis Batch: 121623

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	249.7		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-63985-A-1-B MS
Matrix: Solid
Analysis Batch: 121623

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	225		252	481.5		mg/Kg		102	90 - 110

Lab Sample ID: 880-63985-A-1-C MSD
Matrix: Solid
Analysis Batch: 121623

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	225		252	482.2		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 121341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-121341/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 121342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-121342/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 121343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-121343/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 121424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-21	CS 21 (5')	Total/NA	Solid	8021B	121474
880-63976-22	CS 22 (5')	Total/NA	Solid	8021B	121474
880-63976-23	CS 23 (3')	Total/NA	Solid	8021B	121474
880-63976-24	CS 24 (3')	Total/NA	Solid	8021B	121474
880-63976-25	CS 25 (3')	Total/NA	Solid	8021B	121474
880-63976-26	CS 26 (3')	Total/NA	Solid	8021B	121474
880-63976-27	CS 27 (3')	Total/NA	Solid	8021B	121474
880-63976-28	CS 28 (3')	Total/NA	Solid	8021B	121474
880-63976-29	CS 29 (3')	Total/NA	Solid	8021B	121474
880-63976-30	CS 30 (3')	Total/NA	Solid	8021B	121474
880-63976-31	CS 31 (3')	Total/NA	Solid	8021B	121474
880-63976-32	CS 32 (3')	Total/NA	Solid	8021B	121474
880-63976-33	CS 33 (3')	Total/NA	Solid	8021B	121474
880-63976-34	CS 34 (3')	Total/NA	Solid	8021B	121474
880-63976-35	CS 35 (3')	Total/NA	Solid	8021B	121474
880-63976-36	CS 36 (3')	Total/NA	Solid	8021B	121474
880-63976-37	CS 37 (3')	Total/NA	Solid	8021B	121474
880-63976-38	CS 38 (3')	Total/NA	Solid	8021B	121474
880-63976-39	CS 39 (3')	Total/NA	Solid	8021B	121474
880-63976-40	CS 40 (3')	Total/NA	Solid	8021B	121474
880-63976-61	CS 61 (2')	Total/NA	Solid	8021B	121476
880-63976-62	CS 62 (2')	Total/NA	Solid	8021B	121476
880-63976-63	CS 63 (2')	Total/NA	Solid	8021B	121476
880-63976-64	CS 64 (2')	Total/NA	Solid	8021B	121476
880-63976-65	CS 65 (2')	Total/NA	Solid	8021B	121476
880-63976-66	CS-66 (2')	Total/NA	Solid	8021B	121476
880-63976-67	CS 67 (2')	Total/NA	Solid	8021B	121476
880-63976-68	CS 68 (2')	Total/NA	Solid	8021B	121476
880-63976-69	CS 69 (2')	Total/NA	Solid	8021B	121476
880-63976-70	CS-70 (2')	Total/NA	Solid	8021B	121476
880-63976-71	CS-71 (2')	Total/NA	Solid	8021B	121476
880-63976-72	CS-72 (2')	Total/NA	Solid	8021B	121476
880-63976-73	CS-73 (2')	Total/NA	Solid	8021B	121476
880-63976-74	CS-74 (2')	Total/NA	Solid	8021B	121476
880-63976-75	CS-75 (2')	Total/NA	Solid	8021B	121476
880-63976-76	CS-76 (2')	Total/NA	Solid	8021B	121476
880-63976-77	CS-77 (2')	Total/NA	Solid	8021B	121476
880-63976-78	CS-78 (2')	Total/NA	Solid	8021B	121476
880-63976-79	CS-79 (2')	Total/NA	Solid	8021B	121476

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 121424 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-80	CS-80 (2')	Total/NA	Solid	8021B	121476
MB 880-121341/5-A	Method Blank	Total/NA	Solid	8021B	121341
MB 880-121474/5-A	Method Blank	Total/NA	Solid	8021B	121474
MB 880-121476/5-A	Method Blank	Total/NA	Solid	8021B	121476
LCS 880-121474/1-A	Lab Control Sample	Total/NA	Solid	8021B	121474
LCS 880-121476/1-A	Lab Control Sample	Total/NA	Solid	8021B	121476
LCSD 880-121474/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121474
LCSD 880-121476/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121476
880-63976-21 MS	CS 21 (5')	Total/NA	Solid	8021B	121474
880-63976-21 MSD	CS 21 (5')	Total/NA	Solid	8021B	121474
880-63976-61 MS	CS 61 (2')	Total/NA	Solid	8021B	121476
880-63976-61 MSD	CS 61 (2')	Total/NA	Solid	8021B	121476

Analysis Batch: 121425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-1	CS 1 (3')	Total/NA	Solid	8021B	121473
880-63976-2	CS 2 (3')	Total/NA	Solid	8021B	121473
880-63976-3	CS 3 (3')	Total/NA	Solid	8021B	121473
880-63976-4	CS 4 (3')	Total/NA	Solid	8021B	121473
880-63976-5	CS 5 (3')	Total/NA	Solid	8021B	121473
880-63976-6	CS 6 (3')	Total/NA	Solid	8021B	121473
880-63976-7	CS 7 (3')	Total/NA	Solid	8021B	121473
880-63976-8	CS 8 (3')	Total/NA	Solid	8021B	121473
880-63976-9	CS 9 (3')	Total/NA	Solid	8021B	121473
880-63976-10	CS 10 (3')	Total/NA	Solid	8021B	121473
880-63976-11	CS 11 (5')	Total/NA	Solid	8021B	121473
880-63976-12	CS 12 (5')	Total/NA	Solid	8021B	121473
880-63976-13	CS 13 (5')	Total/NA	Solid	8021B	121473
880-63976-14	CS 14 (5')	Total/NA	Solid	8021B	121473
880-63976-15	CS 15 (5')	Total/NA	Solid	8021B	121473
880-63976-16	CS 16 (5')	Total/NA	Solid	8021B	121473
880-63976-17	CS 17 (5')	Total/NA	Solid	8021B	121473
880-63976-18	CS 18 (5')	Total/NA	Solid	8021B	121473
880-63976-19	CS 19 (5')	Total/NA	Solid	8021B	121473
880-63976-20	CS 20 (5')	Total/NA	Solid	8021B	121473
MB 880-121343/5-A	Method Blank	Total/NA	Solid	8021B	121343
MB 880-121473/5-A	Method Blank	Total/NA	Solid	8021B	121473
LCS 880-121473/1-A	Lab Control Sample	Total/NA	Solid	8021B	121473
LCSD 880-121473/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121473
880-63976-1 MS	CS 1 (3')	Total/NA	Solid	8021B	121473
880-63976-1 MSD	CS 1 (3')	Total/NA	Solid	8021B	121473

Analysis Batch: 121426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-41	CS 41 (3')	Total/NA	Solid	8021B	121475
880-63976-42	CS 42 (3')	Total/NA	Solid	8021B	121475
880-63976-43	CS 43 (3')	Total/NA	Solid	8021B	121475
880-63976-44	CS 44 (3')	Total/NA	Solid	8021B	121475
880-63976-45	CS 45 (2')	Total/NA	Solid	8021B	121475
880-63976-46	CS 46 (2')	Total/NA	Solid	8021B	121475
880-63976-47	CS 47 (2')	Total/NA	Solid	8021B	121475

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 121426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-48	CS 48 (2')	Total/NA	Solid	8021B	121475
880-63976-49	CS 49 (2')	Total/NA	Solid	8021B	121475
880-63976-50	CS 50 (2')	Total/NA	Solid	8021B	121475
880-63976-51	CS 51 (2')	Total/NA	Solid	8021B	121475
880-63976-52	CS 52 (2')	Total/NA	Solid	8021B	121475
880-63976-53	CS 53 (2')	Total/NA	Solid	8021B	121475
880-63976-54	CS 54 (2')	Total/NA	Solid	8021B	121475
880-63976-55	CS 55 (2')	Total/NA	Solid	8021B	121475
880-63976-56	CS 56 (2')	Total/NA	Solid	8021B	121475
880-63976-57	CS 57 (2')	Total/NA	Solid	8021B	121475
880-63976-58	CS 58 (2')	Total/NA	Solid	8021B	121475
880-63976-59	CS 59 (2')	Total/NA	Solid	8021B	121475
880-63976-60	CS 60 (2')	Total/NA	Solid	8021B	121475
880-63976-81	CS-81 (2')	Total/NA	Solid	8021B	121477
880-63976-82	CS-82 (2')	Total/NA	Solid	8021B	121477
880-63976-83	CS-83 (2')	Total/NA	Solid	8021B	121477
880-63976-84	CS-84 (6')	Total/NA	Solid	8021B	121477
880-63976-85	CS-85 (6')	Total/NA	Solid	8021B	121477
880-63976-86	CS-86 (6')	Total/NA	Solid	8021B	121477
880-63976-87	CS-87 (6')	Total/NA	Solid	8021B	121477
880-63976-88	CS-88 (6')	Total/NA	Solid	8021B	121477
880-63976-89	CS-89 (6')	Total/NA	Solid	8021B	121477
880-63976-90	CS-90 (6')	Total/NA	Solid	8021B	121477
880-63976-90	CS-90 (6')	Total/NA	Solid	8021B	121477
880-63976-91	CS-91 (6')	Total/NA	Solid	8021B	121477
880-63976-92	CS-92 (6')	Total/NA	Solid	8021B	121477
880-63976-93	CS-93 (6')	Total/NA	Solid	8021B	121477
880-63976-94	CS-94 (6')	Total/NA	Solid	8021B	121477
880-63976-95	CS-95 (6')	Total/NA	Solid	8021B	121477
880-63976-96	CS-96 (6')	Total/NA	Solid	8021B	121477
880-63976-97	CS-97 (6')	Total/NA	Solid	8021B	121477
880-63976-98	CS-98 (6')	Total/NA	Solid	8021B	121477
880-63976-99	CS-99 (6')	Total/NA	Solid	8021B	121477
880-63976-100	CS-100 (6')	Total/NA	Solid	8021B	121477
MB 880-121342/5-A	Method Blank	Total/NA	Solid	8021B	121342
MB 880-121475/5-A	Method Blank	Total/NA	Solid	8021B	121475
MB 880-121477/5-A	Method Blank	Total/NA	Solid	8021B	121477
LCS 880-121475/1-A	Lab Control Sample	Total/NA	Solid	8021B	121475
LCS 880-121477/1-A	Lab Control Sample	Total/NA	Solid	8021B	121477
LCSD 880-121475/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121475
LCSD 880-121477/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121477
880-63976-41 MS	CS 41 (3')	Total/NA	Solid	8021B	121475
880-63976-41 MSD	CS 41 (3')	Total/NA	Solid	8021B	121475
880-63976-81 MS	CS-81 (2')	Total/NA	Solid	8021B	121477
880-63976-81 MSD	CS-81 (2')	Total/NA	Solid	8021B	121477

Prep Batch: 121473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-1	CS 1 (3')	Total/NA	Solid	5035	
880-63976-2	CS 2 (3')	Total/NA	Solid	5035	
880-63976-3	CS 3 (3')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 121473 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-4	CS 4 (3')	Total/NA	Solid	5035	
880-63976-5	CS 5 (3')	Total/NA	Solid	5035	
880-63976-6	CS 6 (3')	Total/NA	Solid	5035	
880-63976-7	CS 7 (3')	Total/NA	Solid	5035	
880-63976-8	CS 8 (3')	Total/NA	Solid	5035	
880-63976-9	CS 9 (3')	Total/NA	Solid	5035	
880-63976-10	CS 10 (3')	Total/NA	Solid	5035	
880-63976-11	CS 11 (5')	Total/NA	Solid	5035	
880-63976-12	CS 12 (5')	Total/NA	Solid	5035	
880-63976-13	CS 13 (5')	Total/NA	Solid	5035	
880-63976-14	CS 14 (5')	Total/NA	Solid	5035	
880-63976-15	CS 15 (5')	Total/NA	Solid	5035	
880-63976-16	CS 16 (5')	Total/NA	Solid	5035	
880-63976-17	CS 17 (5')	Total/NA	Solid	5035	
880-63976-18	CS 18 (5')	Total/NA	Solid	5035	
880-63976-19	CS 19 (5')	Total/NA	Solid	5035	
880-63976-20	CS 20 (5')	Total/NA	Solid	5035	
MB 880-121473/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121473/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121473/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63976-1 MS	CS 1 (3')	Total/NA	Solid	5035	
880-63976-1 MSD	CS 1 (3')	Total/NA	Solid	5035	

Prep Batch: 121474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-21	CS 21 (5')	Total/NA	Solid	5035	
880-63976-22	CS 22 (5')	Total/NA	Solid	5035	
880-63976-23	CS 23 (3')	Total/NA	Solid	5035	
880-63976-24	CS 24 (3')	Total/NA	Solid	5035	
880-63976-25	CS 25 (3')	Total/NA	Solid	5035	
880-63976-26	CS 26 (3')	Total/NA	Solid	5035	
880-63976-27	CS 27 (3')	Total/NA	Solid	5035	
880-63976-28	CS 28 (3')	Total/NA	Solid	5035	
880-63976-29	CS 29 (3')	Total/NA	Solid	5035	
880-63976-30	CS 30 (3')	Total/NA	Solid	5035	
880-63976-31	CS 31 (3')	Total/NA	Solid	5035	
880-63976-32	CS 32 (3')	Total/NA	Solid	5035	
880-63976-33	CS 33 (3')	Total/NA	Solid	5035	
880-63976-34	CS 34 (3')	Total/NA	Solid	5035	
880-63976-35	CS 35 (3')	Total/NA	Solid	5035	
880-63976-36	CS 36 (3')	Total/NA	Solid	5035	
880-63976-37	CS 37 (3')	Total/NA	Solid	5035	
880-63976-38	CS 38 (3')	Total/NA	Solid	5035	
880-63976-39	CS 39 (3')	Total/NA	Solid	5035	
880-63976-40	CS 40 (3')	Total/NA	Solid	5035	
MB 880-121474/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121474/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121474/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63976-21 MS	CS 21 (5')	Total/NA	Solid	5035	
880-63976-21 MSD	CS 21 (5')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 121475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-41	CS 41 (3')	Total/NA	Solid	5035	
880-63976-42	CS 42 (3')	Total/NA	Solid	5035	
880-63976-43	CS 43 (3')	Total/NA	Solid	5035	
880-63976-44	CS 44 (3')	Total/NA	Solid	5035	
880-63976-45	CS 45 (2')	Total/NA	Solid	5035	
880-63976-46	CS 46 (2')	Total/NA	Solid	5035	
880-63976-47	CS 47 (2')	Total/NA	Solid	5035	
880-63976-48	CS 48 (2')	Total/NA	Solid	5035	
880-63976-49	CS 49 (2')	Total/NA	Solid	5035	
880-63976-50	CS 50 (2')	Total/NA	Solid	5035	
880-63976-51	CS 51 (2')	Total/NA	Solid	5035	
880-63976-52	CS 52 (2')	Total/NA	Solid	5035	
880-63976-53	CS 53 (2')	Total/NA	Solid	5035	
880-63976-54	CS 54 (2')	Total/NA	Solid	5035	
880-63976-55	CS 55 (2')	Total/NA	Solid	5035	
880-63976-56	CS 56 (2')	Total/NA	Solid	5035	
880-63976-57	CS 57 (2')	Total/NA	Solid	5035	
880-63976-58	CS 58 (2')	Total/NA	Solid	5035	
880-63976-59	CS 59 (2')	Total/NA	Solid	5035	
880-63976-60	CS 60 (2')	Total/NA	Solid	5035	
MB 880-121475/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121475/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121475/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63976-41 MS	CS 41 (3')	Total/NA	Solid	5035	
880-63976-41 MSD	CS 41 (3')	Total/NA	Solid	5035	

Prep Batch: 121476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-61	CS 61 (2')	Total/NA	Solid	5035	
880-63976-62	CS 62 (2')	Total/NA	Solid	5035	
880-63976-63	CS 63 (2')	Total/NA	Solid	5035	
880-63976-64	CS 64 (2')	Total/NA	Solid	5035	
880-63976-65	CS 65 (2')	Total/NA	Solid	5035	
880-63976-66	CS-66 (2')	Total/NA	Solid	5035	
880-63976-67	CS 67 (2')	Total/NA	Solid	5035	
880-63976-68	CS 68 (2')	Total/NA	Solid	5035	
880-63976-69	CS 69 (2')	Total/NA	Solid	5035	
880-63976-70	CS-70 (2')	Total/NA	Solid	5035	
880-63976-71	CS-71 (2')	Total/NA	Solid	5035	
880-63976-72	CS-72 (2')	Total/NA	Solid	5035	
880-63976-73	CS-73 (2')	Total/NA	Solid	5035	
880-63976-74	CS-74 (2')	Total/NA	Solid	5035	
880-63976-75	CS-75 (2')	Total/NA	Solid	5035	
880-63976-76	CS-76 (2')	Total/NA	Solid	5035	
880-63976-77	CS-77 (2')	Total/NA	Solid	5035	
880-63976-78	CS-78 (2')	Total/NA	Solid	5035	
880-63976-79	CS-79 (2')	Total/NA	Solid	5035	
880-63976-80	CS-80 (2')	Total/NA	Solid	5035	
MB 880-121476/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121476/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121476/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 121476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-61 MS	CS 61 (2')	Total/NA	Solid	5035	
880-63976-61 MSD	CS 61 (2')	Total/NA	Solid	5035	

Prep Batch: 121477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-81	CS-81 (2')	Total/NA	Solid	5035	
880-63976-82	CS-82 (2')	Total/NA	Solid	5035	
880-63976-83	CS-83 (2')	Total/NA	Solid	5035	
880-63976-84	CS-84 (6')	Total/NA	Solid	5035	
880-63976-85	CS-85 (6')	Total/NA	Solid	5035	
880-63976-86	CS-86 (6')	Total/NA	Solid	5035	
880-63976-87	CS-87 (6')	Total/NA	Solid	5035	
880-63976-88	CS-88 (6')	Total/NA	Solid	5035	
880-63976-89	CS-89 (6')	Total/NA	Solid	5035	
880-63976-90	CS-90 (6')	Total/NA	Solid	5035	
880-63976-91	CS-91 (6')	Total/NA	Solid	5035	
880-63976-92	CS-92 (6')	Total/NA	Solid	5035	
880-63976-93	CS-93 (6')	Total/NA	Solid	5035	
880-63976-94	CS-94 (6')	Total/NA	Solid	5035	
880-63976-95	CS-95 (6')	Total/NA	Solid	5035	
880-63976-96	CS-96 (6')	Total/NA	Solid	5035	
880-63976-97	CS-97 (6')	Total/NA	Solid	5035	
880-63976-98	CS-98 (6')	Total/NA	Solid	5035	
880-63976-99	CS-99 (6')	Total/NA	Solid	5035	
880-63976-100	CS-100 (6')	Total/NA	Solid	5035	
MB 880-121477/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121477/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121477/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63976-81 MS	CS-81 (2')	Total/NA	Solid	5035	
880-63976-81 MSD	CS-81 (2')	Total/NA	Solid	5035	

Prep Batch: 121478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-101	SW-1 (3')	Total/NA	Solid	5035	
880-63976-102	SW-2 (3')	Total/NA	Solid	5035	
880-63976-103	SW-3 (3')	Total/NA	Solid	5035	
880-63976-104	SW-4 (3')	Total/NA	Solid	5035	
880-63976-105	SW-5 (3')	Total/NA	Solid	5035	
880-63976-106	SW-6 (3')	Total/NA	Solid	5035	
880-63976-107	SW-7 (5')	Total/NA	Solid	5035	
880-63976-108	SW-8 (5')	Total/NA	Solid	5035	
880-63976-109	SW-9 (5')	Total/NA	Solid	5035	
880-63976-110	SW-10 (5')	Total/NA	Solid	5035	
880-63976-111	SW-11 (5')	Total/NA	Solid	5035	
880-63976-112	SW-12 (5')	Total/NA	Solid	5035	
880-63976-113	SW-13 (5')	Total/NA	Solid	5035	
880-63976-114	SW-14 (5')	Total/NA	Solid	5035	
880-63976-115	SW-15 (3')	Total/NA	Solid	5035	
880-63976-116	SW-16 (3')	Total/NA	Solid	5035	
880-63976-117	SW-17 (3')	Total/NA	Solid	5035	
880-63976-118	SW-18 (3')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 121478 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-119	SW-19 (3')	Total/NA	Solid	5035	
880-63976-120	SW-20 (3')	Total/NA	Solid	5035	
MB 880-121478/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121478/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121478/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63976-101 MS	SW-1 (3')	Total/NA	Solid	5035	
880-63976-101 MSD	SW-1 (3')	Total/NA	Solid	5035	

Prep Batch: 121479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-121	SW-21 (3')	Total/NA	Solid	5035	
880-63976-122	SW-22 (3')	Total/NA	Solid	5035	
880-63976-123	SW-23 (3')	Total/NA	Solid	5035	
880-63976-124	SW-24 (3')	Total/NA	Solid	5035	
880-63976-125	SW-25 (3')	Total/NA	Solid	5035	
880-63976-126	SW-26 (3')	Total/NA	Solid	5035	
880-63976-127	SW-27 (3')	Total/NA	Solid	5035	
880-63976-128	SW-28 (3')	Total/NA	Solid	5035	
880-63976-129	SW-29 (3')	Total/NA	Solid	5035	
880-63976-130	SW-30 (3')	Total/NA	Solid	5035	
880-63976-131	SW-31 (3')	Total/NA	Solid	5035	
880-63976-132	SW-32 (3')	Total/NA	Solid	5035	
880-63976-133	SW-33 (3')	Total/NA	Solid	5035	
880-63976-134	SW-34 (3')	Total/NA	Solid	5035	
880-63976-135	SW-35 (3')	Total/NA	Solid	5035	
880-63976-136	SW-36 (3')	Total/NA	Solid	5035	
880-63976-137	SW-37 (3')	Total/NA	Solid	5035	
MB 880-121479/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121479/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121479/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63976-121 MS	SW-21 (3')	Total/NA	Solid	5035	
880-63976-121 MSD	SW-21 (3')	Total/NA	Solid	5035	

Prep Batch: 121480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-141	SW-41 (3')	Total/NA	Solid	5035	
880-63976-142	SW-42 (3')	Total/NA	Solid	5035	
880-63976-143	SW-43 (2')	Total/NA	Solid	5035	
880-63976-144	SW-44 (4')	Total/NA	Solid	5035	
880-63976-145	SW-45 (2')	Total/NA	Solid	5035	
880-63976-146	SW-46 (2')	Total/NA	Solid	5035	
880-63976-147	SW-47 (2')	Total/NA	Solid	5035	
880-63976-148	SW-48 (2')	Total/NA	Solid	5035	
880-63976-149	SW-49 (2')	Total/NA	Solid	5035	
880-63976-150	SW-50 (2')	Total/NA	Solid	5035	
MB 880-121480/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121480/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121480/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63976-141 MS	SW-41 (3')	Total/NA	Solid	5035	
880-63976-141 MSD	SW-41 (3')	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 121497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-101	SW-1 (3')	Total/NA	Solid	8021B	121478
880-63976-102	SW-2 (3')	Total/NA	Solid	8021B	121478
880-63976-103	SW-3 (3')	Total/NA	Solid	8021B	121478
880-63976-104	SW-4 (3')	Total/NA	Solid	8021B	121478
880-63976-105	SW-5 (3')	Total/NA	Solid	8021B	121478
880-63976-106	SW-6 (3')	Total/NA	Solid	8021B	121478
880-63976-107	SW-7 (5')	Total/NA	Solid	8021B	121478
880-63976-108	SW-8 (5')	Total/NA	Solid	8021B	121478
880-63976-109	SW-9 (5')	Total/NA	Solid	8021B	121478
880-63976-110	SW-10 (5')	Total/NA	Solid	8021B	121478
880-63976-111	SW-11 (5')	Total/NA	Solid	8021B	121478
880-63976-112	SW-12 (5')	Total/NA	Solid	8021B	121478
880-63976-113	SW-13 (5')	Total/NA	Solid	8021B	121478
880-63976-114	SW-14 (5')	Total/NA	Solid	8021B	121478
880-63976-115	SW-15 (3')	Total/NA	Solid	8021B	121478
880-63976-116	SW-16 (3')	Total/NA	Solid	8021B	121478
880-63976-117	SW-17 (3')	Total/NA	Solid	8021B	121478
880-63976-118	SW-18 (3')	Total/NA	Solid	8021B	121478
880-63976-119	SW-19 (3')	Total/NA	Solid	8021B	121478
880-63976-120	SW-20 (3')	Total/NA	Solid	8021B	121478
MB 880-121478/5-A	Method Blank	Total/NA	Solid	8021B	121478
LCS 880-121478/1-A	Lab Control Sample	Total/NA	Solid	8021B	121478
LCSD 880-121478/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121478
880-63976-101 MS	SW-1 (3')	Total/NA	Solid	8021B	121478
880-63976-101 MSD	SW-1 (3')	Total/NA	Solid	8021B	121478

Analysis Batch: 121499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-121	SW-21 (3')	Total/NA	Solid	8021B	121479
880-63976-122	SW-22 (3')	Total/NA	Solid	8021B	121479
880-63976-123	SW-23 (3')	Total/NA	Solid	8021B	121479
880-63976-124	SW-24 (3')	Total/NA	Solid	8021B	121479
880-63976-125	SW-25 (3')	Total/NA	Solid	8021B	121479
880-63976-126	SW-26 (3')	Total/NA	Solid	8021B	121479
880-63976-127	SW-27 (3')	Total/NA	Solid	8021B	121479
880-63976-128	SW-28 (3')	Total/NA	Solid	8021B	121479
880-63976-129	SW-29 (3')	Total/NA	Solid	8021B	121479
880-63976-130	SW-30 (3')	Total/NA	Solid	8021B	121479
880-63976-131	SW-31 (3')	Total/NA	Solid	8021B	121479
880-63976-132	SW-32 (3')	Total/NA	Solid	8021B	121479
880-63976-133	SW-33 (3')	Total/NA	Solid	8021B	121479
880-63976-134	SW-34 (3')	Total/NA	Solid	8021B	121479
880-63976-135	SW-35 (3')	Total/NA	Solid	8021B	121479
880-63976-136	SW-36 (3')	Total/NA	Solid	8021B	121479
880-63976-137	SW-37 (3')	Total/NA	Solid	8021B	121479
MB 880-121479/5-A	Method Blank	Total/NA	Solid	8021B	121479
LCS 880-121479/1-A	Lab Control Sample	Total/NA	Solid	8021B	121479
LCSD 880-121479/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121479
880-63976-121 MS	SW-21 (3')	Total/NA	Solid	8021B	121479
880-63976-121 MSD	SW-21 (3')	Total/NA	Solid	8021B	121479

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 121502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-138	SW-38 (3')	Total/NA	Solid	5035	
880-63976-139	SW-39 (3')	Total/NA	Solid	5035	
880-63976-140	SW-40 (3')	Total/NA	Solid	5035	
880-63976-161	SW-61 (6')	Total/NA	Solid	5035	
880-63976-162	SW-62 (6')	Total/NA	Solid	5035	
880-63976-163	SW-63 (6')	Total/NA	Solid	5035	
MB 880-121502/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121502/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121502/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8968-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-8968-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 121505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-141	SW-41 (3')	Total/NA	Solid	8021B	121480
880-63976-142	SW-42 (3')	Total/NA	Solid	8021B	121480
880-63976-143	SW-43 (2')	Total/NA	Solid	8021B	121480
880-63976-144	SW-44 (4')	Total/NA	Solid	8021B	121480
880-63976-145	SW-45 (2')	Total/NA	Solid	8021B	121480
880-63976-146	SW-46 (2')	Total/NA	Solid	8021B	121480
880-63976-147	SW-47 (2')	Total/NA	Solid	8021B	121480
880-63976-148	SW-48 (2')	Total/NA	Solid	8021B	121480
880-63976-149	SW-49 (2')	Total/NA	Solid	8021B	121480
880-63976-150	SW-50 (2')	Total/NA	Solid	8021B	121480
MB 880-121480/5-A	Method Blank	Total/NA	Solid	8021B	121480
LCS 880-121480/1-A	Lab Control Sample	Total/NA	Solid	8021B	121480
LCSD 880-121480/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121480
880-63976-141 MS	SW-41 (3')	Total/NA	Solid	8021B	121480
880-63976-141 MSD	SW-41 (3')	Total/NA	Solid	8021B	121480

Analysis Batch: 121506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-138	SW-38 (3')	Total/NA	Solid	8021B	121502
880-63976-139	SW-39 (3')	Total/NA	Solid	8021B	121502
880-63976-140	SW-40 (3')	Total/NA	Solid	8021B	121502
880-63976-161	SW-61 (6')	Total/NA	Solid	8021B	121502
880-63976-162	SW-62 (6')	Total/NA	Solid	8021B	121502
880-63976-163	SW-63 (6')	Total/NA	Solid	8021B	121502
MB 880-121502/5-A	Method Blank	Total/NA	Solid	8021B	121502
LCS 880-121502/1-A	Lab Control Sample	Total/NA	Solid	8021B	121502
LCSD 880-121502/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121502
890-8968-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	121502
890-8968-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121502

Analysis Batch: 121572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-1	CS 1 (3')	Total/NA	Solid	Total BTEX	
880-63976-2	CS 2 (3')	Total/NA	Solid	Total BTEX	
880-63976-3	CS 3 (3')	Total/NA	Solid	Total BTEX	
880-63976-4	CS 4 (3')	Total/NA	Solid	Total BTEX	
880-63976-5	CS 5 (3')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 121572 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-6	CS 6 (3')	Total/NA	Solid	Total BTEX	
880-63976-7	CS 7 (3')	Total/NA	Solid	Total BTEX	
880-63976-8	CS 8 (3')	Total/NA	Solid	Total BTEX	
880-63976-9	CS 9 (3')	Total/NA	Solid	Total BTEX	
880-63976-10	CS 10 (3')	Total/NA	Solid	Total BTEX	
880-63976-11	CS 11 (5')	Total/NA	Solid	Total BTEX	
880-63976-12	CS 12 (5')	Total/NA	Solid	Total BTEX	
880-63976-13	CS 13 (5')	Total/NA	Solid	Total BTEX	
880-63976-14	CS 14 (5')	Total/NA	Solid	Total BTEX	
880-63976-15	CS 15 (5')	Total/NA	Solid	Total BTEX	
880-63976-16	CS 16 (5')	Total/NA	Solid	Total BTEX	
880-63976-17	CS 17 (5')	Total/NA	Solid	Total BTEX	
880-63976-18	CS 18 (5')	Total/NA	Solid	Total BTEX	
880-63976-19	CS 19 (5')	Total/NA	Solid	Total BTEX	
880-63976-20	CS 20 (5')	Total/NA	Solid	Total BTEX	
880-63976-21	CS 21 (5')	Total/NA	Solid	Total BTEX	
880-63976-22	CS 22 (5')	Total/NA	Solid	Total BTEX	
880-63976-23	CS 23 (3')	Total/NA	Solid	Total BTEX	
880-63976-24	CS 24 (3')	Total/NA	Solid	Total BTEX	
880-63976-25	CS 25 (3')	Total/NA	Solid	Total BTEX	
880-63976-26	CS 26 (3')	Total/NA	Solid	Total BTEX	
880-63976-27	CS 27 (3')	Total/NA	Solid	Total BTEX	
880-63976-28	CS 28 (3')	Total/NA	Solid	Total BTEX	
880-63976-29	CS 29 (3')	Total/NA	Solid	Total BTEX	
880-63976-30	CS 30 (3')	Total/NA	Solid	Total BTEX	
880-63976-31	CS 31 (3')	Total/NA	Solid	Total BTEX	
880-63976-32	CS 32 (3')	Total/NA	Solid	Total BTEX	
880-63976-33	CS 33 (3')	Total/NA	Solid	Total BTEX	
880-63976-34	CS 34 (3')	Total/NA	Solid	Total BTEX	
880-63976-35	CS 35 (3')	Total/NA	Solid	Total BTEX	
880-63976-36	CS 36 (3')	Total/NA	Solid	Total BTEX	
880-63976-37	CS 37 (3')	Total/NA	Solid	Total BTEX	
880-63976-38	CS 38 (3')	Total/NA	Solid	Total BTEX	
880-63976-39	CS 39 (3')	Total/NA	Solid	Total BTEX	
880-63976-40	CS 40 (3')	Total/NA	Solid	Total BTEX	
880-63976-41	CS 41 (3')	Total/NA	Solid	Total BTEX	
880-63976-42	CS 42 (3')	Total/NA	Solid	Total BTEX	
880-63976-43	CS 43 (3')	Total/NA	Solid	Total BTEX	
880-63976-44	CS 44 (3')	Total/NA	Solid	Total BTEX	
880-63976-45	CS 45 (2')	Total/NA	Solid	Total BTEX	
880-63976-46	CS 46 (2')	Total/NA	Solid	Total BTEX	
880-63976-47	CS 47 (2')	Total/NA	Solid	Total BTEX	
880-63976-48	CS 48 (2')	Total/NA	Solid	Total BTEX	
880-63976-49	CS 49 (2')	Total/NA	Solid	Total BTEX	
880-63976-50	CS 50 (2')	Total/NA	Solid	Total BTEX	
880-63976-51	CS 51 (2')	Total/NA	Solid	Total BTEX	
880-63976-52	CS 52 (2')	Total/NA	Solid	Total BTEX	
880-63976-53	CS 53 (2')	Total/NA	Solid	Total BTEX	
880-63976-54	CS 54 (2')	Total/NA	Solid	Total BTEX	
880-63976-55	CS 55 (2')	Total/NA	Solid	Total BTEX	
880-63976-56	CS 56 (2')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 121572 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-57	CS 57 (2')	Total/NA	Solid	Total BTEX	
880-63976-58	CS 58 (2')	Total/NA	Solid	Total BTEX	
880-63976-59	CS 59 (2')	Total/NA	Solid	Total BTEX	
880-63976-60	CS 60 (2')	Total/NA	Solid	Total BTEX	
880-63976-61	CS 61 (2')	Total/NA	Solid	Total BTEX	
880-63976-62	CS 62 (2')	Total/NA	Solid	Total BTEX	
880-63976-63	CS 63 (2')	Total/NA	Solid	Total BTEX	
880-63976-64	CS 64 (2')	Total/NA	Solid	Total BTEX	
880-63976-65	CS 65 (2')	Total/NA	Solid	Total BTEX	
880-63976-66	CS-66 (2')	Total/NA	Solid	Total BTEX	
880-63976-67	CS 67 (2')	Total/NA	Solid	Total BTEX	
880-63976-68	CS 68 (2')	Total/NA	Solid	Total BTEX	
880-63976-69	CS 69 (2')	Total/NA	Solid	Total BTEX	
880-63976-70	CS-70 (2')	Total/NA	Solid	Total BTEX	
880-63976-71	CS-71 (2')	Total/NA	Solid	Total BTEX	
880-63976-72	CS-72 (2')	Total/NA	Solid	Total BTEX	
880-63976-73	CS-73 (2')	Total/NA	Solid	Total BTEX	
880-63976-74	CS-74 (2')	Total/NA	Solid	Total BTEX	
880-63976-75	CS-75 (2')	Total/NA	Solid	Total BTEX	
880-63976-76	CS-76 (2')	Total/NA	Solid	Total BTEX	
880-63976-77	CS-77 (2')	Total/NA	Solid	Total BTEX	
880-63976-78	CS-78 (2')	Total/NA	Solid	Total BTEX	
880-63976-79	CS-79 (2')	Total/NA	Solid	Total BTEX	
880-63976-80	CS-80 (2')	Total/NA	Solid	Total BTEX	
880-63976-81	CS-81 (2')	Total/NA	Solid	Total BTEX	
880-63976-82	CS-82 (2')	Total/NA	Solid	Total BTEX	
880-63976-83	CS-83 (2')	Total/NA	Solid	Total BTEX	
880-63976-84	CS-84 (6')	Total/NA	Solid	Total BTEX	
880-63976-85	CS-85 (6')	Total/NA	Solid	Total BTEX	
880-63976-86	CS-86 (6')	Total/NA	Solid	Total BTEX	
880-63976-87	CS-87 (6')	Total/NA	Solid	Total BTEX	
880-63976-88	CS-88 (6')	Total/NA	Solid	Total BTEX	
880-63976-89	CS-89 (6')	Total/NA	Solid	Total BTEX	
880-63976-90	CS-90 (6')	Total/NA	Solid	Total BTEX	
880-63976-91	CS-91 (6')	Total/NA	Solid	Total BTEX	
880-63976-92	CS-92 (6')	Total/NA	Solid	Total BTEX	
880-63976-93	CS-93 (6')	Total/NA	Solid	Total BTEX	
880-63976-94	CS-94 (6')	Total/NA	Solid	Total BTEX	
880-63976-95	CS-95 (6')	Total/NA	Solid	Total BTEX	
880-63976-96	CS-96 (6')	Total/NA	Solid	Total BTEX	
880-63976-97	CS-97 (6')	Total/NA	Solid	Total BTEX	
880-63976-98	CS-98 (6')	Total/NA	Solid	Total BTEX	
880-63976-99	CS-99 (6')	Total/NA	Solid	Total BTEX	
880-63976-100	CS-100 (6')	Total/NA	Solid	Total BTEX	
880-63976-101	SW-1 (3')	Total/NA	Solid	Total BTEX	
880-63976-102	SW-2 (3')	Total/NA	Solid	Total BTEX	
880-63976-103	SW-3 (3')	Total/NA	Solid	Total BTEX	
880-63976-104	SW-4 (3')	Total/NA	Solid	Total BTEX	
880-63976-105	SW-5 (3')	Total/NA	Solid	Total BTEX	
880-63976-106	SW-6 (3')	Total/NA	Solid	Total BTEX	
880-63976-107	SW-7 (5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 121572 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-108	SW-8 (5')	Total/NA	Solid	Total BTEX	
880-63976-109	SW-9 (5')	Total/NA	Solid	Total BTEX	
880-63976-110	SW-10 (5')	Total/NA	Solid	Total BTEX	
880-63976-111	SW-11 (5')	Total/NA	Solid	Total BTEX	
880-63976-112	SW-12 (5')	Total/NA	Solid	Total BTEX	
880-63976-113	SW-13 (5')	Total/NA	Solid	Total BTEX	
880-63976-114	SW-14 (5')	Total/NA	Solid	Total BTEX	
880-63976-115	SW-15 (3')	Total/NA	Solid	Total BTEX	
880-63976-116	SW-16 (3')	Total/NA	Solid	Total BTEX	
880-63976-117	SW-17 (3')	Total/NA	Solid	Total BTEX	
880-63976-118	SW-18 (3')	Total/NA	Solid	Total BTEX	
880-63976-119	SW-19 (3')	Total/NA	Solid	Total BTEX	
880-63976-120	SW-20 (3')	Total/NA	Solid	Total BTEX	
880-63976-121	SW-21 (3')	Total/NA	Solid	Total BTEX	
880-63976-122	SW-22 (3')	Total/NA	Solid	Total BTEX	
880-63976-123	SW-23 (3')	Total/NA	Solid	Total BTEX	
880-63976-124	SW-24 (3')	Total/NA	Solid	Total BTEX	
880-63976-125	SW-25 (3')	Total/NA	Solid	Total BTEX	
880-63976-126	SW-26 (3')	Total/NA	Solid	Total BTEX	
880-63976-127	SW-27 (3')	Total/NA	Solid	Total BTEX	
880-63976-128	SW-28 (3')	Total/NA	Solid	Total BTEX	
880-63976-129	SW-29 (3')	Total/NA	Solid	Total BTEX	
880-63976-130	SW-30 (3')	Total/NA	Solid	Total BTEX	
880-63976-131	SW-31 (3')	Total/NA	Solid	Total BTEX	
880-63976-132	SW-32 (3')	Total/NA	Solid	Total BTEX	
880-63976-133	SW-33 (3')	Total/NA	Solid	Total BTEX	
880-63976-134	SW-34 (3')	Total/NA	Solid	Total BTEX	
880-63976-135	SW-35 (3')	Total/NA	Solid	Total BTEX	
880-63976-136	SW-36 (3')	Total/NA	Solid	Total BTEX	
880-63976-137	SW-37 (3')	Total/NA	Solid	Total BTEX	
880-63976-138	SW-38 (3')	Total/NA	Solid	Total BTEX	
880-63976-139	SW-39 (3')	Total/NA	Solid	Total BTEX	
880-63976-140	SW-40 (3')	Total/NA	Solid	Total BTEX	
880-63976-141	SW-41 (3')	Total/NA	Solid	Total BTEX	
880-63976-142	SW-42 (3')	Total/NA	Solid	Total BTEX	
880-63976-143	SW-43 (2')	Total/NA	Solid	Total BTEX	
880-63976-144	SW-44 (4')	Total/NA	Solid	Total BTEX	
880-63976-145	SW-45 (2')	Total/NA	Solid	Total BTEX	
880-63976-146	SW-46 (2')	Total/NA	Solid	Total BTEX	
880-63976-147	SW-47 (2')	Total/NA	Solid	Total BTEX	
880-63976-148	SW-48 (2')	Total/NA	Solid	Total BTEX	
880-63976-149	SW-49 (2')	Total/NA	Solid	Total BTEX	
880-63976-150	SW-50 (2')	Total/NA	Solid	Total BTEX	
880-63976-151	SW-51 (2')	Total/NA	Solid	Total BTEX	
880-63976-152	SW-52 (2')	Total/NA	Solid	Total BTEX	
880-63976-153	SW-53 (6')	Total/NA	Solid	Total BTEX	
880-63976-154	SW-54 (6')	Total/NA	Solid	Total BTEX	
880-63976-155	SW-55 (6')	Total/NA	Solid	Total BTEX	
880-63976-156	SW-56 (6')	Total/NA	Solid	Total BTEX	
880-63976-157	SW-57 (6')	Total/NA	Solid	Total BTEX	
880-63976-158	SW-58 (4')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 121572 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-159	SW-59 (6')	Total/NA	Solid	Total BTEX	
880-63976-160	SW-60 (6')	Total/NA	Solid	Total BTEX	
880-63976-161	SW-61 (6')	Total/NA	Solid	Total BTEX	
880-63976-162	SW-62 (6')	Total/NA	Solid	Total BTEX	
880-63976-163	SW-63 (6')	Total/NA	Solid	Total BTEX	

Prep Batch: 121617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-151	SW-51 (2')	Total/NA	Solid	5035	
880-63976-152	SW-52 (2')	Total/NA	Solid	5035	
880-63976-153	SW-53 (6')	Total/NA	Solid	5035	
880-63976-154	SW-54 (6')	Total/NA	Solid	5035	
880-63976-155	SW-55 (6')	Total/NA	Solid	5035	
880-63976-156	SW-56 (6')	Total/NA	Solid	5035	
880-63976-157	SW-57 (6')	Total/NA	Solid	5035	
880-63976-158	SW-58 (4')	Total/NA	Solid	5035	
880-63976-159	SW-59 (6')	Total/NA	Solid	5035	
880-63976-160	SW-60 (6')	Total/NA	Solid	5035	
MB 880-121617/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121617/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121617/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63976-151 MS	SW-51 (2')	Total/NA	Solid	5035	
880-63976-151 MSD	SW-51 (2')	Total/NA	Solid	5035	

Analysis Batch: 121619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-151	SW-51 (2')	Total/NA	Solid	8021B	121617
880-63976-152	SW-52 (2')	Total/NA	Solid	8021B	121617
880-63976-153	SW-53 (6')	Total/NA	Solid	8021B	121617
880-63976-154	SW-54 (6')	Total/NA	Solid	8021B	121617
880-63976-155	SW-55 (6')	Total/NA	Solid	8021B	121617
880-63976-156	SW-56 (6')	Total/NA	Solid	8021B	121617
880-63976-157	SW-57 (6')	Total/NA	Solid	8021B	121617
880-63976-158	SW-58 (4')	Total/NA	Solid	8021B	121617
880-63976-159	SW-59 (6')	Total/NA	Solid	8021B	121617
880-63976-160	SW-60 (6')	Total/NA	Solid	8021B	121617
MB 880-121617/5-A	Method Blank	Total/NA	Solid	8021B	121617
LCS 880-121617/1-A	Lab Control Sample	Total/NA	Solid	8021B	121617
LCSD 880-121617/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121617
880-63976-151 MS	SW-51 (2')	Total/NA	Solid	8021B	121617
880-63976-151 MSD	SW-51 (2')	Total/NA	Solid	8021B	121617

GC Semi VOA

Analysis Batch: 121452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-1	CS 1 (3')	Total/NA	Solid	8015B NM	121481
880-63976-2	CS 2 (3')	Total/NA	Solid	8015B NM	121481
880-63976-3	CS 3 (3')	Total/NA	Solid	8015B NM	121481
880-63976-4	CS 4 (3')	Total/NA	Solid	8015B NM	121481
880-63976-5	CS 5 (3')	Total/NA	Solid	8015B NM	121481

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121452 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-6	CS 6 (3')	Total/NA	Solid	8015B NM	121481
880-63976-7	CS 7 (3')	Total/NA	Solid	8015B NM	121481
880-63976-8	CS 8 (3')	Total/NA	Solid	8015B NM	121481
880-63976-9	CS 9 (3')	Total/NA	Solid	8015B NM	121481
880-63976-10	CS 10 (3')	Total/NA	Solid	8015B NM	121481
880-63976-11	CS 11 (5')	Total/NA	Solid	8015B NM	121481
880-63976-12	CS 12 (5')	Total/NA	Solid	8015B NM	121481
880-63976-13	CS 13 (5')	Total/NA	Solid	8015B NM	121481
880-63976-14	CS 14 (5')	Total/NA	Solid	8015B NM	121481
880-63976-15	CS 15 (5')	Total/NA	Solid	8015B NM	121481
880-63976-16	CS 16 (5')	Total/NA	Solid	8015B NM	121481
880-63976-17	CS 17 (5')	Total/NA	Solid	8015B NM	121481
880-63976-18	CS 18 (5')	Total/NA	Solid	8015B NM	121481
880-63976-19	CS 19 (5')	Total/NA	Solid	8015B NM	121481
880-63976-20	CS 20 (5')	Total/NA	Solid	8015B NM	121481
MB 880-121481/1-A	Method Blank	Total/NA	Solid	8015B NM	121481
LCS 880-121481/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121481
LCSD 880-121481/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121481
880-63976-1 MS	CS 1 (3')	Total/NA	Solid	8015B NM	121481
880-63976-1 MSD	CS 1 (3')	Total/NA	Solid	8015B NM	121481

Prep Batch: 121481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-1	CS 1 (3')	Total/NA	Solid	8015NM Prep	
880-63976-2	CS 2 (3')	Total/NA	Solid	8015NM Prep	
880-63976-3	CS 3 (3')	Total/NA	Solid	8015NM Prep	
880-63976-4	CS 4 (3')	Total/NA	Solid	8015NM Prep	
880-63976-5	CS 5 (3')	Total/NA	Solid	8015NM Prep	
880-63976-6	CS 6 (3')	Total/NA	Solid	8015NM Prep	
880-63976-7	CS 7 (3')	Total/NA	Solid	8015NM Prep	
880-63976-8	CS 8 (3')	Total/NA	Solid	8015NM Prep	
880-63976-9	CS 9 (3')	Total/NA	Solid	8015NM Prep	
880-63976-10	CS 10 (3')	Total/NA	Solid	8015NM Prep	
880-63976-11	CS 11 (5')	Total/NA	Solid	8015NM Prep	
880-63976-12	CS 12 (5')	Total/NA	Solid	8015NM Prep	
880-63976-13	CS 13 (5')	Total/NA	Solid	8015NM Prep	
880-63976-14	CS 14 (5')	Total/NA	Solid	8015NM Prep	
880-63976-15	CS 15 (5')	Total/NA	Solid	8015NM Prep	
880-63976-16	CS 16 (5')	Total/NA	Solid	8015NM Prep	
880-63976-17	CS 17 (5')	Total/NA	Solid	8015NM Prep	
880-63976-18	CS 18 (5')	Total/NA	Solid	8015NM Prep	
880-63976-19	CS 19 (5')	Total/NA	Solid	8015NM Prep	
880-63976-20	CS 20 (5')	Total/NA	Solid	8015NM Prep	
MB 880-121481/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121481/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121481/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63976-1 MS	CS 1 (3')	Total/NA	Solid	8015NM Prep	
880-63976-1 MSD	CS 1 (3')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 121482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-21	CS 21 (5')	Total/NA	Solid	8015NM Prep	
880-63976-22	CS 22 (5')	Total/NA	Solid	8015NM Prep	
880-63976-23	CS 23 (3')	Total/NA	Solid	8015NM Prep	
880-63976-24	CS 24 (3')	Total/NA	Solid	8015NM Prep	
880-63976-25	CS 25 (3')	Total/NA	Solid	8015NM Prep	
880-63976-26	CS 26 (3')	Total/NA	Solid	8015NM Prep	
880-63976-27	CS 27 (3')	Total/NA	Solid	8015NM Prep	
880-63976-28	CS 28 (3')	Total/NA	Solid	8015NM Prep	
880-63976-29	CS 29 (3')	Total/NA	Solid	8015NM Prep	
880-63976-30	CS 30 (3')	Total/NA	Solid	8015NM Prep	
880-63976-31	CS 31 (3')	Total/NA	Solid	8015NM Prep	
880-63976-32	CS 32 (3')	Total/NA	Solid	8015NM Prep	
880-63976-33	CS 33 (3')	Total/NA	Solid	8015NM Prep	
880-63976-34	CS 34 (3')	Total/NA	Solid	8015NM Prep	
880-63976-35	CS 35 (3')	Total/NA	Solid	8015NM Prep	
880-63976-36	CS 36 (3')	Total/NA	Solid	8015NM Prep	
880-63976-37	CS 37 (3')	Total/NA	Solid	8015NM Prep	
880-63976-38	CS 38 (3')	Total/NA	Solid	8015NM Prep	
880-63976-39	CS 39 (3')	Total/NA	Solid	8015NM Prep	
880-63976-40	CS 40 (3')	Total/NA	Solid	8015NM Prep	
MB 880-121482/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121482/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121482/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63976-21 MS	CS 21 (5')	Total/NA	Solid	8015NM Prep	
880-63976-21 MSD	CS 21 (5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 121483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-41	CS 41 (3')	Total/NA	Solid	8015NM Prep	
880-63976-42	CS 42 (3')	Total/NA	Solid	8015NM Prep	
880-63976-43	CS 43 (3')	Total/NA	Solid	8015NM Prep	
880-63976-44	CS 44 (3')	Total/NA	Solid	8015NM Prep	
880-63976-45	CS 45 (2')	Total/NA	Solid	8015NM Prep	
880-63976-46	CS 46 (2')	Total/NA	Solid	8015NM Prep	
880-63976-47	CS 47 (2')	Total/NA	Solid	8015NM Prep	
880-63976-48	CS 48 (2')	Total/NA	Solid	8015NM Prep	
880-63976-49	CS 49 (2')	Total/NA	Solid	8015NM Prep	
880-63976-50	CS 50 (2')	Total/NA	Solid	8015NM Prep	
880-63976-51	CS 51 (2')	Total/NA	Solid	8015NM Prep	
880-63976-52	CS 52 (2')	Total/NA	Solid	8015NM Prep	
880-63976-53	CS 53 (2')	Total/NA	Solid	8015NM Prep	
880-63976-54	CS 54 (2')	Total/NA	Solid	8015NM Prep	
880-63976-55	CS 55 (2')	Total/NA	Solid	8015NM Prep	
880-63976-56	CS 56 (2')	Total/NA	Solid	8015NM Prep	
880-63976-57	CS 57 (2')	Total/NA	Solid	8015NM Prep	
880-63976-58	CS 58 (2')	Total/NA	Solid	8015NM Prep	
880-63976-59	CS 59 (2')	Total/NA	Solid	8015NM Prep	
880-63976-60	CS 60 (2')	Total/NA	Solid	8015NM Prep	
MB 880-121483/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121483/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 121483 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-41 MS	CS 41 (3')	Total/NA	Solid	8015NM Prep	
880-63976-41 MSD	CS 41 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 121509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-76	CS-76 (2')	Total/NA	Solid	8015NM Prep	
880-63976-77	CS-77 (2')	Total/NA	Solid	8015NM Prep	
880-63976-78	CS-78 (2')	Total/NA	Solid	8015NM Prep	
880-63976-79	CS-79 (2')	Total/NA	Solid	8015NM Prep	
880-63976-80	CS-80 (2')	Total/NA	Solid	8015NM Prep	
880-63976-81	CS-81 (2')	Total/NA	Solid	8015NM Prep	
880-63976-82	CS-82 (2')	Total/NA	Solid	8015NM Prep	
880-63976-83	CS-83 (2')	Total/NA	Solid	8015NM Prep	
880-63976-84	CS-84 (6')	Total/NA	Solid	8015NM Prep	
880-63976-85	CS-85 (6')	Total/NA	Solid	8015NM Prep	
880-63976-86	CS-86 (6')	Total/NA	Solid	8015NM Prep	
880-63976-87	CS-87 (6')	Total/NA	Solid	8015NM Prep	
880-63976-88	CS-88 (6')	Total/NA	Solid	8015NM Prep	
880-63976-89	CS-89 (6')	Total/NA	Solid	8015NM Prep	
880-63976-90	CS-90 (6')	Total/NA	Solid	8015NM Prep	
MB 880-121509/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121509/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121509/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8968-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8968-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 121513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-61	CS 61 (2')	Total/NA	Solid	8015NM Prep	
880-63976-62	CS 62 (2')	Total/NA	Solid	8015NM Prep	
880-63976-63	CS 63 (2')	Total/NA	Solid	8015NM Prep	
880-63976-64	CS 64 (2')	Total/NA	Solid	8015NM Prep	
880-63976-65	CS 65 (2')	Total/NA	Solid	8015NM Prep	
880-63976-66	CS-66 (2')	Total/NA	Solid	8015NM Prep	
880-63976-67	CS 67 (2')	Total/NA	Solid	8015NM Prep	
880-63976-68	CS 68 (2')	Total/NA	Solid	8015NM Prep	
880-63976-69	CS 69 (2')	Total/NA	Solid	8015NM Prep	
880-63976-70	CS-70 (2')	Total/NA	Solid	8015NM Prep	
880-63976-71	CS-71 (2')	Total/NA	Solid	8015NM Prep	
880-63976-72	CS-72 (2')	Total/NA	Solid	8015NM Prep	
880-63976-73	CS-73 (2')	Total/NA	Solid	8015NM Prep	
880-63976-74	CS-74 (2')	Total/NA	Solid	8015NM Prep	
880-63976-75	CS-75 (2')	Total/NA	Solid	8015NM Prep	
MB 880-121513/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121513/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121513/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8968-A-6-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8968-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 121532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-76	CS-76 (2')	Total/NA	Solid	8015B NM	121509
880-63976-77	CS-77 (2')	Total/NA	Solid	8015B NM	121509
880-63976-78	CS-78 (2')	Total/NA	Solid	8015B NM	121509
880-63976-79	CS-79 (2')	Total/NA	Solid	8015B NM	121509
880-63976-80	CS-80 (2')	Total/NA	Solid	8015B NM	121509
880-63976-81	CS-81 (2')	Total/NA	Solid	8015B NM	121509
880-63976-82	CS-82 (2')	Total/NA	Solid	8015B NM	121509
880-63976-83	CS-83 (2')	Total/NA	Solid	8015B NM	121509
880-63976-84	CS-84 (6')	Total/NA	Solid	8015B NM	121509
880-63976-85	CS-85 (6')	Total/NA	Solid	8015B NM	121509
880-63976-86	CS-86 (6')	Total/NA	Solid	8015B NM	121509
880-63976-87	CS-87 (6')	Total/NA	Solid	8015B NM	121509
880-63976-88	CS-88 (6')	Total/NA	Solid	8015B NM	121509
880-63976-89	CS-89 (6')	Total/NA	Solid	8015B NM	121509
880-63976-90	CS-90 (6')	Total/NA	Solid	8015B NM	121509
MB 880-121509/1-A	Method Blank	Total/NA	Solid	8015B NM	121509
LCS 880-121509/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121509
LCSD 880-121509/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121509
890-8968-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	121509
890-8968-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	121509

Analysis Batch: 121534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-61	CS 61 (2')	Total/NA	Solid	8015B NM	121513
880-63976-62	CS 62 (2')	Total/NA	Solid	8015B NM	121513
880-63976-63	CS 63 (2')	Total/NA	Solid	8015B NM	121513
880-63976-64	CS 64 (2')	Total/NA	Solid	8015B NM	121513
880-63976-65	CS 65 (2')	Total/NA	Solid	8015B NM	121513
880-63976-66	CS-66 (2')	Total/NA	Solid	8015B NM	121513
880-63976-67	CS 67 (2')	Total/NA	Solid	8015B NM	121513
880-63976-68	CS 68 (2')	Total/NA	Solid	8015B NM	121513
880-63976-69	CS 69 (2')	Total/NA	Solid	8015B NM	121513
880-63976-70	CS-70 (2')	Total/NA	Solid	8015B NM	121513
880-63976-71	CS-71 (2')	Total/NA	Solid	8015B NM	121513
880-63976-72	CS-72 (2')	Total/NA	Solid	8015B NM	121513
880-63976-73	CS-73 (2')	Total/NA	Solid	8015B NM	121513
880-63976-74	CS-74 (2')	Total/NA	Solid	8015B NM	121513
880-63976-75	CS-75 (2')	Total/NA	Solid	8015B NM	121513
880-63976-91	CS-91 (6')	Total/NA	Solid	8015B NM	121542
880-63976-92	CS-92 (6')	Total/NA	Solid	8015B NM	121542
880-63976-93	CS-93 (6')	Total/NA	Solid	8015B NM	121542
880-63976-94	CS-94 (6')	Total/NA	Solid	8015B NM	121542
880-63976-95	CS-95 (6')	Total/NA	Solid	8015B NM	121542
880-63976-96	CS-96 (6')	Total/NA	Solid	8015B NM	121542
880-63976-97	CS-97 (6')	Total/NA	Solid	8015B NM	121542
880-63976-98	CS-98 (6')	Total/NA	Solid	8015B NM	121542
880-63976-99	CS-99 (6')	Total/NA	Solid	8015B NM	121542
880-63976-100	CS-100 (6')	Total/NA	Solid	8015B NM	121542
880-63976-101	SW-1 (3')	Total/NA	Solid	8015B NM	121542
880-63976-102	SW-2 (3')	Total/NA	Solid	8015B NM	121542
880-63976-103	SW-3 (3')	Total/NA	Solid	8015B NM	121542

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121534 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-104	SW-4 (3')	Total/NA	Solid	8015B NM	121542
880-63976-105	SW-5 (3')	Total/NA	Solid	8015B NM	121542
880-63976-106	SW-6 (3')	Total/NA	Solid	8015B NM	121542
880-63976-107	SW-7 (5')	Total/NA	Solid	8015B NM	121542
880-63976-108	SW-8 (5')	Total/NA	Solid	8015B NM	121542
880-63976-109	SW-9 (5')	Total/NA	Solid	8015B NM	121542
880-63976-110	SW-10 (5')	Total/NA	Solid	8015B NM	121542
MB 880-121513/1-A	Method Blank	Total/NA	Solid	8015B NM	121513
MB 880-121542/1-A	Method Blank	Total/NA	Solid	8015B NM	121542
LCS 880-121513/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121513
LCS 880-121542/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121542
LCSD 880-121513/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121513
LCSD 880-121542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121542
880-63976-91 MS	CS-91 (6')	Total/NA	Solid	8015B NM	121542
880-63976-91 MSD	CS-91 (6')	Total/NA	Solid	8015B NM	121542
890-8968-A-6-D MS	Matrix Spike	Total/NA	Solid	8015B NM	121513
890-8968-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	121513

Analysis Batch: 121538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-111	SW-11 (5')	Total/NA	Solid	8015B NM	121544
880-63976-112	SW-12 (5')	Total/NA	Solid	8015B NM	121544
880-63976-113	SW-13 (5')	Total/NA	Solid	8015B NM	121544
880-63976-114	SW-14 (5')	Total/NA	Solid	8015B NM	121544
880-63976-115	SW-15 (3')	Total/NA	Solid	8015B NM	121544
880-63976-116	SW-16 (3')	Total/NA	Solid	8015B NM	121544
880-63976-117	SW-17 (3')	Total/NA	Solid	8015B NM	121544
880-63976-118	SW-18 (3')	Total/NA	Solid	8015B NM	121544
880-63976-119	SW-19 (3')	Total/NA	Solid	8015B NM	121544
880-63976-120	SW-20 (3')	Total/NA	Solid	8015B NM	121544
880-63976-121	SW-21 (3')	Total/NA	Solid	8015B NM	121544
880-63976-122	SW-22 (3')	Total/NA	Solid	8015B NM	121544
880-63976-123	SW-23 (3')	Total/NA	Solid	8015B NM	121544
880-63976-124	SW-24 (3')	Total/NA	Solid	8015B NM	121544
880-63976-125	SW-25 (3')	Total/NA	Solid	8015B NM	121544
880-63976-126	SW-26 (3')	Total/NA	Solid	8015B NM	121544
880-63976-127	SW-27 (3')	Total/NA	Solid	8015B NM	121544
880-63976-128	SW-28 (3')	Total/NA	Solid	8015B NM	121544
880-63976-129	SW-29 (3')	Total/NA	Solid	8015B NM	121544
880-63976-130	SW-30 (3')	Total/NA	Solid	8015B NM	121544
MB 880-121544/1-A	Method Blank	Total/NA	Solid	8015B NM	121544
LCS 880-121544/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121544
LCSD 880-121544/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121544
880-63976-111 MS	SW-11 (5')	Total/NA	Solid	8015B NM	121544
880-63976-111 MSD	SW-11 (5')	Total/NA	Solid	8015B NM	121544

Prep Batch: 121542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-91	CS-91 (6')	Total/NA	Solid	8015NM Prep	
880-63976-92	CS-92 (6')	Total/NA	Solid	8015NM Prep	
880-63976-93	CS-93 (6')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 121542 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-94	CS-94 (6')	Total/NA	Solid	8015NM Prep	
880-63976-95	CS-95 (6')	Total/NA	Solid	8015NM Prep	
880-63976-96	CS-96 (6')	Total/NA	Solid	8015NM Prep	
880-63976-97	CS-97 (6')	Total/NA	Solid	8015NM Prep	
880-63976-98	CS-98 (6')	Total/NA	Solid	8015NM Prep	
880-63976-99	CS-99 (6')	Total/NA	Solid	8015NM Prep	
880-63976-100	CS-100 (6')	Total/NA	Solid	8015NM Prep	
880-63976-101	SW-1 (3')	Total/NA	Solid	8015NM Prep	
880-63976-102	SW-2 (3')	Total/NA	Solid	8015NM Prep	
880-63976-103	SW-3 (3')	Total/NA	Solid	8015NM Prep	
880-63976-104	SW-4 (3')	Total/NA	Solid	8015NM Prep	
880-63976-105	SW-5 (3')	Total/NA	Solid	8015NM Prep	
880-63976-106	SW-6 (3')	Total/NA	Solid	8015NM Prep	
880-63976-107	SW-7 (5')	Total/NA	Solid	8015NM Prep	
880-63976-108	SW-8 (5')	Total/NA	Solid	8015NM Prep	
880-63976-109	SW-9 (5')	Total/NA	Solid	8015NM Prep	
880-63976-110	SW-10 (5')	Total/NA	Solid	8015NM Prep	
MB 880-121542/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121542/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121542/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63976-91 MS	CS-91 (6')	Total/NA	Solid	8015NM Prep	
880-63976-91 MSD	CS-91 (6')	Total/NA	Solid	8015NM Prep	

Prep Batch: 121544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-111	SW-11 (5')	Total/NA	Solid	8015NM Prep	
880-63976-112	SW-12 (5')	Total/NA	Solid	8015NM Prep	
880-63976-113	SW-13 (5')	Total/NA	Solid	8015NM Prep	
880-63976-114	SW-14 (5')	Total/NA	Solid	8015NM Prep	
880-63976-115	SW-15 (3')	Total/NA	Solid	8015NM Prep	
880-63976-116	SW-16 (3')	Total/NA	Solid	8015NM Prep	
880-63976-117	SW-17 (3')	Total/NA	Solid	8015NM Prep	
880-63976-118	SW-18 (3')	Total/NA	Solid	8015NM Prep	
880-63976-119	SW-19 (3')	Total/NA	Solid	8015NM Prep	
880-63976-120	SW-20 (3')	Total/NA	Solid	8015NM Prep	
880-63976-121	SW-21 (3')	Total/NA	Solid	8015NM Prep	
880-63976-122	SW-22 (3')	Total/NA	Solid	8015NM Prep	
880-63976-123	SW-23 (3')	Total/NA	Solid	8015NM Prep	
880-63976-124	SW-24 (3')	Total/NA	Solid	8015NM Prep	
880-63976-125	SW-25 (3')	Total/NA	Solid	8015NM Prep	
880-63976-126	SW-26 (3')	Total/NA	Solid	8015NM Prep	
880-63976-127	SW-27 (3')	Total/NA	Solid	8015NM Prep	
880-63976-128	SW-28 (3')	Total/NA	Solid	8015NM Prep	
880-63976-129	SW-29 (3')	Total/NA	Solid	8015NM Prep	
880-63976-130	SW-30 (3')	Total/NA	Solid	8015NM Prep	
MB 880-121544/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121544/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121544/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63976-111 MS	SW-11 (5')	Total/NA	Solid	8015NM Prep	
880-63976-111 MSD	SW-11 (5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 121546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-131	SW-31 (3')	Total/NA	Solid	8015NM Prep	
880-63976-132	SW-32 (3')	Total/NA	Solid	8015NM Prep	
880-63976-133	SW-33 (3')	Total/NA	Solid	8015NM Prep	
880-63976-134	SW-34 (3')	Total/NA	Solid	8015NM Prep	
880-63976-135	SW-35 (3')	Total/NA	Solid	8015NM Prep	
880-63976-136	SW-36 (3')	Total/NA	Solid	8015NM Prep	
880-63976-137	SW-37 (3')	Total/NA	Solid	8015NM Prep	
880-63976-138	SW-38 (3')	Total/NA	Solid	8015NM Prep	
880-63976-139	SW-39 (3')	Total/NA	Solid	8015NM Prep	
880-63976-140	SW-40 (3')	Total/NA	Solid	8015NM Prep	
880-63976-141	SW-41 (3')	Total/NA	Solid	8015NM Prep	
880-63976-142	SW-42 (3')	Total/NA	Solid	8015NM Prep	
880-63976-143	SW-43 (2')	Total/NA	Solid	8015NM Prep	
880-63976-144	SW-44 (4')	Total/NA	Solid	8015NM Prep	
880-63976-145	SW-45 (2')	Total/NA	Solid	8015NM Prep	
880-63976-146	SW-46 (2')	Total/NA	Solid	8015NM Prep	
880-63976-147	SW-47 (2')	Total/NA	Solid	8015NM Prep	
880-63976-148	SW-48 (2')	Total/NA	Solid	8015NM Prep	
880-63976-149	SW-49 (2')	Total/NA	Solid	8015NM Prep	
880-63976-150	SW-50 (2')	Total/NA	Solid	8015NM Prep	
MB 880-121546/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121546/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121546/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63976-131 MS	SW-31 (3')	Total/NA	Solid	8015NM Prep	
880-63976-131 MSD	SW-31 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 121556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-151	SW-51 (2')	Total/NA	Solid	8015NM Prep	
880-63976-152	SW-52 (2')	Total/NA	Solid	8015NM Prep	
880-63976-153	SW-53 (6')	Total/NA	Solid	8015NM Prep	
880-63976-154	SW-54 (6')	Total/NA	Solid	8015NM Prep	
880-63976-155	SW-55 (6')	Total/NA	Solid	8015NM Prep	
880-63976-156	SW-56 (6')	Total/NA	Solid	8015NM Prep	
880-63976-157	SW-57 (6')	Total/NA	Solid	8015NM Prep	
880-63976-158	SW-58 (4')	Total/NA	Solid	8015NM Prep	
880-63976-159	SW-59 (6')	Total/NA	Solid	8015NM Prep	
880-63976-160	SW-60 (6')	Total/NA	Solid	8015NM Prep	
880-63976-161	SW-61 (6')	Total/NA	Solid	8015NM Prep	
880-63976-162	SW-62 (6')	Total/NA	Solid	8015NM Prep	
880-63976-163	SW-63 (6')	Total/NA	Solid	8015NM Prep	
MB 880-121556/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121556/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121556/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63976-151 MS	SW-51 (2')	Total/NA	Solid	8015NM Prep	
880-63976-151 MSD	SW-51 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-1	CS 1 (3')	Total/NA	Solid	8015 NM	
880-63976-2	CS 2 (3')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-3	CS 3 (3')	Total/NA	Solid	8015 NM	
880-63976-4	CS 4 (3')	Total/NA	Solid	8015 NM	
880-63976-5	CS 5 (3')	Total/NA	Solid	8015 NM	
880-63976-6	CS 6 (3')	Total/NA	Solid	8015 NM	
880-63976-7	CS 7 (3')	Total/NA	Solid	8015 NM	
880-63976-8	CS 8 (3')	Total/NA	Solid	8015 NM	
880-63976-9	CS 9 (3')	Total/NA	Solid	8015 NM	
880-63976-10	CS 10 (3')	Total/NA	Solid	8015 NM	
880-63976-11	CS 11 (5')	Total/NA	Solid	8015 NM	
880-63976-12	CS 12 (5')	Total/NA	Solid	8015 NM	
880-63976-13	CS 13 (5')	Total/NA	Solid	8015 NM	
880-63976-14	CS 14 (5')	Total/NA	Solid	8015 NM	
880-63976-15	CS 15 (5')	Total/NA	Solid	8015 NM	
880-63976-16	CS 16 (5')	Total/NA	Solid	8015 NM	
880-63976-17	CS 17 (5')	Total/NA	Solid	8015 NM	
880-63976-18	CS 18 (5')	Total/NA	Solid	8015 NM	
880-63976-19	CS 19 (5')	Total/NA	Solid	8015 NM	
880-63976-20	CS 20 (5')	Total/NA	Solid	8015 NM	
880-63976-21	CS 21 (5')	Total/NA	Solid	8015 NM	
880-63976-22	CS 22 (5')	Total/NA	Solid	8015 NM	
880-63976-23	CS 23 (3')	Total/NA	Solid	8015 NM	
880-63976-24	CS 24 (3')	Total/NA	Solid	8015 NM	
880-63976-25	CS 25 (3')	Total/NA	Solid	8015 NM	
880-63976-26	CS 26 (3')	Total/NA	Solid	8015 NM	
880-63976-27	CS 27 (3')	Total/NA	Solid	8015 NM	
880-63976-28	CS 28 (3')	Total/NA	Solid	8015 NM	
880-63976-29	CS 29 (3')	Total/NA	Solid	8015 NM	
880-63976-30	CS 30 (3')	Total/NA	Solid	8015 NM	
880-63976-31	CS 31 (3')	Total/NA	Solid	8015 NM	
880-63976-32	CS 32 (3')	Total/NA	Solid	8015 NM	
880-63976-33	CS 33 (3')	Total/NA	Solid	8015 NM	
880-63976-34	CS 34 (3')	Total/NA	Solid	8015 NM	
880-63976-35	CS 35 (3')	Total/NA	Solid	8015 NM	
880-63976-36	CS 36 (3')	Total/NA	Solid	8015 NM	
880-63976-37	CS 37 (3')	Total/NA	Solid	8015 NM	
880-63976-38	CS 38 (3')	Total/NA	Solid	8015 NM	
880-63976-39	CS 39 (3')	Total/NA	Solid	8015 NM	
880-63976-40	CS 40 (3')	Total/NA	Solid	8015 NM	
880-63976-41	CS 41 (3')	Total/NA	Solid	8015 NM	
880-63976-42	CS 42 (3')	Total/NA	Solid	8015 NM	
880-63976-43	CS 43 (3')	Total/NA	Solid	8015 NM	
880-63976-44	CS 44 (3')	Total/NA	Solid	8015 NM	
880-63976-45	CS 45 (2')	Total/NA	Solid	8015 NM	
880-63976-46	CS 46 (2')	Total/NA	Solid	8015 NM	
880-63976-47	CS 47 (2')	Total/NA	Solid	8015 NM	
880-63976-48	CS 48 (2')	Total/NA	Solid	8015 NM	
880-63976-49	CS 49 (2')	Total/NA	Solid	8015 NM	
880-63976-50	CS 50 (2')	Total/NA	Solid	8015 NM	
880-63976-51	CS 51 (2')	Total/NA	Solid	8015 NM	
880-63976-52	CS 52 (2')	Total/NA	Solid	8015 NM	
880-63976-53	CS 53 (2')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-54	CS 54 (2')	Total/NA	Solid	8015 NM	
880-63976-55	CS 55 (2')	Total/NA	Solid	8015 NM	
880-63976-56	CS 56 (2')	Total/NA	Solid	8015 NM	
880-63976-57	CS 57 (2')	Total/NA	Solid	8015 NM	
880-63976-58	CS 58 (2')	Total/NA	Solid	8015 NM	
880-63976-59	CS 59 (2')	Total/NA	Solid	8015 NM	
880-63976-60	CS 60 (2')	Total/NA	Solid	8015 NM	
880-63976-61	CS 61 (2')	Total/NA	Solid	8015 NM	
880-63976-62	CS 62 (2')	Total/NA	Solid	8015 NM	
880-63976-63	CS 63 (2')	Total/NA	Solid	8015 NM	
880-63976-64	CS 64 (2')	Total/NA	Solid	8015 NM	
880-63976-65	CS 65 (2')	Total/NA	Solid	8015 NM	
880-63976-66	CS-66 (2')	Total/NA	Solid	8015 NM	
880-63976-67	CS 67 (2')	Total/NA	Solid	8015 NM	
880-63976-68	CS 68 (2')	Total/NA	Solid	8015 NM	
880-63976-69	CS 69 (2')	Total/NA	Solid	8015 NM	
880-63976-70	CS-70 (2')	Total/NA	Solid	8015 NM	
880-63976-71	CS-71 (2')	Total/NA	Solid	8015 NM	
880-63976-72	CS-72 (2')	Total/NA	Solid	8015 NM	
880-63976-73	CS-73 (2')	Total/NA	Solid	8015 NM	
880-63976-74	CS-74 (2')	Total/NA	Solid	8015 NM	
880-63976-75	CS-75 (2')	Total/NA	Solid	8015 NM	
880-63976-76	CS-76 (2')	Total/NA	Solid	8015 NM	
880-63976-77	CS-77 (2')	Total/NA	Solid	8015 NM	
880-63976-78	CS-78 (2')	Total/NA	Solid	8015 NM	
880-63976-79	CS-79 (2')	Total/NA	Solid	8015 NM	
880-63976-80	CS-80 (2')	Total/NA	Solid	8015 NM	
880-63976-81	CS-81 (2')	Total/NA	Solid	8015 NM	
880-63976-82	CS-82 (2')	Total/NA	Solid	8015 NM	
880-63976-83	CS-83 (2')	Total/NA	Solid	8015 NM	
880-63976-84	CS-84 (6')	Total/NA	Solid	8015 NM	
880-63976-85	CS-85 (6')	Total/NA	Solid	8015 NM	
880-63976-86	CS-86 (6')	Total/NA	Solid	8015 NM	
880-63976-87	CS-87 (6')	Total/NA	Solid	8015 NM	
880-63976-88	CS-88 (6')	Total/NA	Solid	8015 NM	
880-63976-89	CS-89 (6')	Total/NA	Solid	8015 NM	
880-63976-90	CS-90 (6')	Total/NA	Solid	8015 NM	
880-63976-91	CS-91 (6')	Total/NA	Solid	8015 NM	
880-63976-92	CS-92 (6')	Total/NA	Solid	8015 NM	
880-63976-93	CS-93 (6')	Total/NA	Solid	8015 NM	
880-63976-94	CS-94 (6')	Total/NA	Solid	8015 NM	
880-63976-95	CS-95 (6')	Total/NA	Solid	8015 NM	
880-63976-96	CS-96 (6')	Total/NA	Solid	8015 NM	
880-63976-97	CS-97 (6')	Total/NA	Solid	8015 NM	
880-63976-98	CS-98 (6')	Total/NA	Solid	8015 NM	
880-63976-99	CS-99 (6')	Total/NA	Solid	8015 NM	
880-63976-100	CS-100 (6')	Total/NA	Solid	8015 NM	
880-63976-101	SW-1 (3')	Total/NA	Solid	8015 NM	
880-63976-102	SW-2 (3')	Total/NA	Solid	8015 NM	
880-63976-103	SW-3 (3')	Total/NA	Solid	8015 NM	
880-63976-104	SW-4 (3')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-105	SW-5 (3')	Total/NA	Solid	8015 NM	
880-63976-106	SW-6 (3')	Total/NA	Solid	8015 NM	
880-63976-107	SW-7 (5')	Total/NA	Solid	8015 NM	
880-63976-108	SW-8 (5')	Total/NA	Solid	8015 NM	
880-63976-109	SW-9 (5')	Total/NA	Solid	8015 NM	
880-63976-110	SW-10 (5')	Total/NA	Solid	8015 NM	
880-63976-111	SW-11 (5')	Total/NA	Solid	8015 NM	
880-63976-112	SW-12 (5')	Total/NA	Solid	8015 NM	
880-63976-113	SW-13 (5')	Total/NA	Solid	8015 NM	
880-63976-114	SW-14 (5')	Total/NA	Solid	8015 NM	
880-63976-115	SW-15 (3')	Total/NA	Solid	8015 NM	
880-63976-116	SW-16 (3')	Total/NA	Solid	8015 NM	
880-63976-117	SW-17 (3')	Total/NA	Solid	8015 NM	
880-63976-118	SW-18 (3')	Total/NA	Solid	8015 NM	
880-63976-119	SW-19 (3')	Total/NA	Solid	8015 NM	
880-63976-120	SW-20 (3')	Total/NA	Solid	8015 NM	
880-63976-121	SW-21 (3')	Total/NA	Solid	8015 NM	
880-63976-122	SW-22 (3')	Total/NA	Solid	8015 NM	
880-63976-123	SW-23 (3')	Total/NA	Solid	8015 NM	
880-63976-124	SW-24 (3')	Total/NA	Solid	8015 NM	
880-63976-125	SW-25 (3')	Total/NA	Solid	8015 NM	
880-63976-126	SW-26 (3')	Total/NA	Solid	8015 NM	
880-63976-127	SW-27 (3')	Total/NA	Solid	8015 NM	
880-63976-128	SW-28 (3')	Total/NA	Solid	8015 NM	
880-63976-129	SW-29 (3')	Total/NA	Solid	8015 NM	
880-63976-130	SW-30 (3')	Total/NA	Solid	8015 NM	
880-63976-131	SW-31 (3')	Total/NA	Solid	8015 NM	
880-63976-132	SW-32 (3')	Total/NA	Solid	8015 NM	
880-63976-133	SW-33 (3')	Total/NA	Solid	8015 NM	
880-63976-134	SW-34 (3')	Total/NA	Solid	8015 NM	
880-63976-135	SW-35 (3')	Total/NA	Solid	8015 NM	
880-63976-136	SW-36 (3')	Total/NA	Solid	8015 NM	
880-63976-137	SW-37 (3')	Total/NA	Solid	8015 NM	
880-63976-138	SW-38 (3')	Total/NA	Solid	8015 NM	
880-63976-139	SW-39 (3')	Total/NA	Solid	8015 NM	
880-63976-140	SW-40 (3')	Total/NA	Solid	8015 NM	
880-63976-141	SW-41 (3')	Total/NA	Solid	8015 NM	
880-63976-142	SW-42 (3')	Total/NA	Solid	8015 NM	
880-63976-143	SW-43 (2')	Total/NA	Solid	8015 NM	
880-63976-144	SW-44 (4')	Total/NA	Solid	8015 NM	
880-63976-145	SW-45 (2')	Total/NA	Solid	8015 NM	
880-63976-146	SW-46 (2')	Total/NA	Solid	8015 NM	
880-63976-147	SW-47 (2')	Total/NA	Solid	8015 NM	
880-63976-148	SW-48 (2')	Total/NA	Solid	8015 NM	
880-63976-149	SW-49 (2')	Total/NA	Solid	8015 NM	
880-63976-150	SW-50 (2')	Total/NA	Solid	8015 NM	
880-63976-151	SW-51 (2')	Total/NA	Solid	8015 NM	
880-63976-152	SW-52 (2')	Total/NA	Solid	8015 NM	
880-63976-153	SW-53 (6')	Total/NA	Solid	8015 NM	
880-63976-154	SW-54 (6')	Total/NA	Solid	8015 NM	
880-63976-155	SW-55 (6')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-156	SW-56 (6')	Total/NA	Solid	8015 NM	
880-63976-157	SW-57 (6')	Total/NA	Solid	8015 NM	
880-63976-158	SW-58 (4')	Total/NA	Solid	8015 NM	
880-63976-159	SW-59 (6')	Total/NA	Solid	8015 NM	
880-63976-160	SW-60 (6')	Total/NA	Solid	8015 NM	
880-63976-161	SW-61 (6')	Total/NA	Solid	8015 NM	
880-63976-162	SW-62 (6')	Total/NA	Solid	8015 NM	
880-63976-163	SW-63 (6')	Total/NA	Solid	8015 NM	

Analysis Batch: 121687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-151	SW-51 (2')	Total/NA	Solid	8015B NM	121556
880-63976-152	SW-52 (2')	Total/NA	Solid	8015B NM	121556
880-63976-153	SW-53 (6')	Total/NA	Solid	8015B NM	121556
880-63976-154	SW-54 (6')	Total/NA	Solid	8015B NM	121556
880-63976-155	SW-55 (6')	Total/NA	Solid	8015B NM	121556
880-63976-156	SW-56 (6')	Total/NA	Solid	8015B NM	121556
880-63976-157	SW-57 (6')	Total/NA	Solid	8015B NM	121556
880-63976-158	SW-58 (4')	Total/NA	Solid	8015B NM	121556
880-63976-159	SW-59 (6')	Total/NA	Solid	8015B NM	121556
880-63976-160	SW-60 (6')	Total/NA	Solid	8015B NM	121556
880-63976-161	SW-61 (6')	Total/NA	Solid	8015B NM	121556
880-63976-162	SW-62 (6')	Total/NA	Solid	8015B NM	121556
880-63976-163	SW-63 (6')	Total/NA	Solid	8015B NM	121556
MB 880-121556/1-A	Method Blank	Total/NA	Solid	8015B NM	121556
LCS 880-121556/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121556
LCSD 880-121556/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121556
880-63976-151 MS	SW-51 (2')	Total/NA	Solid	8015B NM	121556
880-63976-151 MSD	SW-51 (2')	Total/NA	Solid	8015B NM	121556

Analysis Batch: 121728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-21	CS 21 (5')	Total/NA	Solid	8015B NM	121482
880-63976-22	CS 22 (5')	Total/NA	Solid	8015B NM	121482
880-63976-23	CS 23 (3')	Total/NA	Solid	8015B NM	121482
880-63976-24	CS 24 (3')	Total/NA	Solid	8015B NM	121482
880-63976-25	CS 25 (3')	Total/NA	Solid	8015B NM	121482
880-63976-26	CS 26 (3')	Total/NA	Solid	8015B NM	121482
880-63976-27	CS 27 (3')	Total/NA	Solid	8015B NM	121482
880-63976-28	CS 28 (3')	Total/NA	Solid	8015B NM	121482
880-63976-29	CS 29 (3')	Total/NA	Solid	8015B NM	121482
880-63976-30	CS 30 (3')	Total/NA	Solid	8015B NM	121482
880-63976-31	CS 31 (3')	Total/NA	Solid	8015B NM	121482
880-63976-32	CS 32 (3')	Total/NA	Solid	8015B NM	121482
880-63976-33	CS 33 (3')	Total/NA	Solid	8015B NM	121482
880-63976-34	CS 34 (3')	Total/NA	Solid	8015B NM	121482
880-63976-35	CS 35 (3')	Total/NA	Solid	8015B NM	121482
880-63976-36	CS 36 (3')	Total/NA	Solid	8015B NM	121482
880-63976-37	CS 37 (3')	Total/NA	Solid	8015B NM	121482
880-63976-38	CS 38 (3')	Total/NA	Solid	8015B NM	121482
880-63976-39	CS 39 (3')	Total/NA	Solid	8015B NM	121482

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121728 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-40	CS 40 (3')	Total/NA	Solid	8015B NM	121482
MB 880-121482/1-A	Method Blank	Total/NA	Solid	8015B NM	121482
LCS 880-121482/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121482
LCSD 880-121482/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121482
880-63976-21 MS	CS 21 (5')	Total/NA	Solid	8015B NM	121482
880-63976-21 MSD	CS 21 (5')	Total/NA	Solid	8015B NM	121482

Analysis Batch: 121731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-131	SW-31 (3')	Total/NA	Solid	8015B NM	121546
880-63976-132	SW-32 (3')	Total/NA	Solid	8015B NM	121546
880-63976-133	SW-33 (3')	Total/NA	Solid	8015B NM	121546
880-63976-134	SW-34 (3')	Total/NA	Solid	8015B NM	121546
880-63976-135	SW-35 (3')	Total/NA	Solid	8015B NM	121546
880-63976-136	SW-36 (3')	Total/NA	Solid	8015B NM	121546
880-63976-137	SW-37 (3')	Total/NA	Solid	8015B NM	121546
880-63976-138	SW-38 (3')	Total/NA	Solid	8015B NM	121546
880-63976-139	SW-39 (3')	Total/NA	Solid	8015B NM	121546
880-63976-140	SW-40 (3')	Total/NA	Solid	8015B NM	121546
880-63976-141	SW-41 (3')	Total/NA	Solid	8015B NM	121546
880-63976-142	SW-42 (3')	Total/NA	Solid	8015B NM	121546
880-63976-143	SW-43 (2')	Total/NA	Solid	8015B NM	121546
880-63976-144	SW-44 (4')	Total/NA	Solid	8015B NM	121546
880-63976-145	SW-45 (2')	Total/NA	Solid	8015B NM	121546
880-63976-146	SW-46 (2')	Total/NA	Solid	8015B NM	121546
880-63976-147	SW-47 (2')	Total/NA	Solid	8015B NM	121546
880-63976-148	SW-48 (2')	Total/NA	Solid	8015B NM	121546
880-63976-149	SW-49 (2')	Total/NA	Solid	8015B NM	121546
880-63976-150	SW-50 (2')	Total/NA	Solid	8015B NM	121546
MB 880-121546/1-A	Method Blank	Total/NA	Solid	8015B NM	121546
LCS 880-121546/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121546
LCSD 880-121546/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121546
880-63976-131 MS	SW-31 (3')	Total/NA	Solid	8015B NM	121546
880-63976-131 MSD	SW-31 (3')	Total/NA	Solid	8015B NM	121546

Analysis Batch: 121753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-41	CS 41 (3')	Total/NA	Solid	8015B NM	121483
880-63976-42	CS 42 (3')	Total/NA	Solid	8015B NM	121483
880-63976-43	CS 43 (3')	Total/NA	Solid	8015B NM	121483
880-63976-44	CS 44 (3')	Total/NA	Solid	8015B NM	121483
880-63976-45	CS 45 (2')	Total/NA	Solid	8015B NM	121483
880-63976-46	CS 46 (2')	Total/NA	Solid	8015B NM	121483
880-63976-47	CS 47 (2')	Total/NA	Solid	8015B NM	121483
880-63976-48	CS 48 (2')	Total/NA	Solid	8015B NM	121483
880-63976-49	CS 49 (2')	Total/NA	Solid	8015B NM	121483
880-63976-50	CS 50 (2')	Total/NA	Solid	8015B NM	121483
880-63976-51	CS 51 (2')	Total/NA	Solid	8015B NM	121483
880-63976-52	CS 52 (2')	Total/NA	Solid	8015B NM	121483
880-63976-53	CS 53 (2')	Total/NA	Solid	8015B NM	121483
880-63976-54	CS 54 (2')	Total/NA	Solid	8015B NM	121483

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 121753 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-55	CS 55 (2')	Total/NA	Solid	8015B NM	121483
880-63976-56	CS 56 (2')	Total/NA	Solid	8015B NM	121483
880-63976-57	CS 57 (2')	Total/NA	Solid	8015B NM	121483
880-63976-58	CS 58 (2')	Total/NA	Solid	8015B NM	121483
880-63976-59	CS 59 (2')	Total/NA	Solid	8015B NM	121483
880-63976-60	CS 60 (2')	Total/NA	Solid	8015B NM	121483
MB 880-121483/1-A	Method Blank	Total/NA	Solid	8015B NM	121483
LCS 880-121483/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121483
LCSD 880-121483/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121483
880-63976-41 MS	CS 41 (3')	Total/NA	Solid	8015B NM	121483
880-63976-41 MSD	CS 41 (3')	Total/NA	Solid	8015B NM	121483

HPLC/IC

Leach Batch: 121486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-1	CS 1 (3')	Soluble	Solid	DI Leach	
880-63976-2	CS 2 (3')	Soluble	Solid	DI Leach	
880-63976-3	CS 3 (3')	Soluble	Solid	DI Leach	
880-63976-4	CS 4 (3')	Soluble	Solid	DI Leach	
880-63976-5	CS 5 (3')	Soluble	Solid	DI Leach	
880-63976-6	CS 6 (3')	Soluble	Solid	DI Leach	
880-63976-7	CS 7 (3')	Soluble	Solid	DI Leach	
880-63976-8	CS 8 (3')	Soluble	Solid	DI Leach	
880-63976-9	CS 9 (3')	Soluble	Solid	DI Leach	
880-63976-10	CS 10 (3')	Soluble	Solid	DI Leach	
880-63976-11	CS 11 (5')	Soluble	Solid	DI Leach	
880-63976-12	CS 12 (5')	Soluble	Solid	DI Leach	
880-63976-13	CS 13 (5')	Soluble	Solid	DI Leach	
880-63976-14	CS 14 (5')	Soluble	Solid	DI Leach	
880-63976-15	CS 15 (5')	Soluble	Solid	DI Leach	
880-63976-16	CS 16 (5')	Soluble	Solid	DI Leach	
880-63976-17	CS 17 (5')	Soluble	Solid	DI Leach	
880-63976-18	CS 18 (5')	Soluble	Solid	DI Leach	
880-63976-19	CS 19 (5')	Soluble	Solid	DI Leach	
880-63976-20	CS 20 (5')	Soluble	Solid	DI Leach	
MB 880-121486/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121486/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121486/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63976-1 MS	CS 1 (3')	Soluble	Solid	DI Leach	
880-63976-1 MSD	CS 1 (3')	Soluble	Solid	DI Leach	
880-63976-11 MS	CS 11 (5')	Soluble	Solid	DI Leach	
880-63976-11 MSD	CS 11 (5')	Soluble	Solid	DI Leach	

Leach Batch: 121487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-21	CS 21 (5')	Soluble	Solid	DI Leach	
880-63976-22	CS 22 (5')	Soluble	Solid	DI Leach	
880-63976-23	CS 23 (3')	Soluble	Solid	DI Leach	
880-63976-24	CS 24 (3')	Soluble	Solid	DI Leach	
880-63976-25	CS 25 (3')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 121487 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-26	CS 26 (3')	Soluble	Solid	DI Leach	
880-63976-27	CS 27 (3')	Soluble	Solid	DI Leach	
880-63976-28	CS 28 (3')	Soluble	Solid	DI Leach	
880-63976-29	CS 29 (3')	Soluble	Solid	DI Leach	
880-63976-30	CS 30 (3')	Soluble	Solid	DI Leach	
880-63976-31	CS 31 (3')	Soluble	Solid	DI Leach	
880-63976-32	CS 32 (3')	Soluble	Solid	DI Leach	
880-63976-33	CS 33 (3')	Soluble	Solid	DI Leach	
880-63976-34	CS 34 (3')	Soluble	Solid	DI Leach	
880-63976-35	CS 35 (3')	Soluble	Solid	DI Leach	
880-63976-36	CS 36 (3')	Soluble	Solid	DI Leach	
880-63976-37	CS 37 (3')	Soluble	Solid	DI Leach	
880-63976-38	CS 38 (3')	Soluble	Solid	DI Leach	
880-63976-39	CS 39 (3')	Soluble	Solid	DI Leach	
880-63976-40	CS 40 (3')	Soluble	Solid	DI Leach	
MB 880-121487/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121487/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121487/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63976-21 MS	CS 21 (5')	Soluble	Solid	DI Leach	
880-63976-21 MSD	CS 21 (5')	Soluble	Solid	DI Leach	
880-63976-31 MS	CS 31 (3')	Soluble	Solid	DI Leach	
880-63976-31 MSD	CS 31 (3')	Soluble	Solid	DI Leach	

Leach Batch: 121488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-41	CS 41 (3')	Soluble	Solid	DI Leach	
880-63976-42	CS 42 (3')	Soluble	Solid	DI Leach	
880-63976-43	CS 43 (3')	Soluble	Solid	DI Leach	
880-63976-44	CS 44 (3')	Soluble	Solid	DI Leach	
880-63976-45	CS 45 (2')	Soluble	Solid	DI Leach	
880-63976-46	CS 46 (2')	Soluble	Solid	DI Leach	
880-63976-47	CS 47 (2')	Soluble	Solid	DI Leach	
880-63976-48	CS 48 (2')	Soluble	Solid	DI Leach	
880-63976-49	CS 49 (2')	Soluble	Solid	DI Leach	
880-63976-50	CS 50 (2')	Soluble	Solid	DI Leach	
880-63976-51	CS 51 (2')	Soluble	Solid	DI Leach	
880-63976-52	CS 52 (2')	Soluble	Solid	DI Leach	
880-63976-53	CS 53 (2')	Soluble	Solid	DI Leach	
880-63976-54	CS 54 (2')	Soluble	Solid	DI Leach	
880-63976-55	CS 55 (2')	Soluble	Solid	DI Leach	
880-63976-56	CS 56 (2')	Soluble	Solid	DI Leach	
880-63976-57	CS 57 (2')	Soluble	Solid	DI Leach	
880-63976-58	CS 58 (2')	Soluble	Solid	DI Leach	
880-63976-59	CS 59 (2')	Soluble	Solid	DI Leach	
880-63976-60	CS 60 (2')	Soluble	Solid	DI Leach	
MB 880-121488/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121488/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121488/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63976-41 MS	CS 41 (3')	Soluble	Solid	DI Leach	
880-63976-41 MSD	CS 41 (3')	Soluble	Solid	DI Leach	
880-63976-51 MS	CS 51 (2')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 121488 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-51 MSD	CS 51 (2')	Soluble	Solid	DI Leach	

Leach Batch: 121489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-61	CS 61 (2')	Soluble	Solid	DI Leach	
880-63976-62	CS 62 (2')	Soluble	Solid	DI Leach	
880-63976-63	CS 63 (2')	Soluble	Solid	DI Leach	
880-63976-64	CS 64 (2')	Soluble	Solid	DI Leach	
880-63976-65	CS 65 (2')	Soluble	Solid	DI Leach	
880-63976-66	CS-66 (2')	Soluble	Solid	DI Leach	
880-63976-67	CS 67 (2')	Soluble	Solid	DI Leach	
880-63976-68	CS 68 (2')	Soluble	Solid	DI Leach	
880-63976-69	CS 69 (2')	Soluble	Solid	DI Leach	
880-63976-70	CS-70 (2')	Soluble	Solid	DI Leach	
880-63976-71	CS-71 (2')	Soluble	Solid	DI Leach	
880-63976-72	CS-72 (2')	Soluble	Solid	DI Leach	
880-63976-73	CS-73 (2')	Soluble	Solid	DI Leach	
880-63976-74	CS-74 (2')	Soluble	Solid	DI Leach	
880-63976-75	CS-75 (2')	Soluble	Solid	DI Leach	
880-63976-76	CS-76 (2')	Soluble	Solid	DI Leach	
880-63976-77	CS-77 (2')	Soluble	Solid	DI Leach	
880-63976-78	CS-78 (2')	Soluble	Solid	DI Leach	
880-63976-79	CS-79 (2')	Soluble	Solid	DI Leach	
880-63976-80	CS-80 (2')	Soluble	Solid	DI Leach	
MB 880-121489/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121489/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121489/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63976-61 MS	CS 61 (2')	Soluble	Solid	DI Leach	
880-63976-61 MSD	CS 61 (2')	Soluble	Solid	DI Leach	
880-63976-71 MS	CS-71 (2')	Soluble	Solid	DI Leach	
880-63976-71 MSD	CS-71 (2')	Soluble	Solid	DI Leach	

Leach Batch: 121490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-81	CS-81 (2')	Soluble	Solid	DI Leach	
880-63976-82	CS-82 (2')	Soluble	Solid	DI Leach	
880-63976-83	CS-83 (2')	Soluble	Solid	DI Leach	
880-63976-84	CS-84 (6')	Soluble	Solid	DI Leach	
880-63976-85	CS-85 (6')	Soluble	Solid	DI Leach	
880-63976-86	CS-86 (6')	Soluble	Solid	DI Leach	
880-63976-87	CS-87 (6')	Soluble	Solid	DI Leach	
880-63976-88	CS-88 (6')	Soluble	Solid	DI Leach	
880-63976-89	CS-89 (6')	Soluble	Solid	DI Leach	
880-63976-90	CS-90 (6')	Soluble	Solid	DI Leach	
880-63976-91	CS-91 (6')	Soluble	Solid	DI Leach	
880-63976-92	CS-92 (6')	Soluble	Solid	DI Leach	
880-63976-93	CS-93 (6')	Soluble	Solid	DI Leach	
880-63976-94	CS-94 (6')	Soluble	Solid	DI Leach	
880-63976-95	CS-95 (6')	Soluble	Solid	DI Leach	
880-63976-96	CS-96 (6')	Soluble	Solid	DI Leach	
880-63976-97	CS-97 (6')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 121490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-98	CS-98 (6')	Soluble	Solid	DI Leach	
880-63976-99	CS-99 (6')	Soluble	Solid	DI Leach	
880-63976-100	CS-100 (6')	Soluble	Solid	DI Leach	
MB 880-121490/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121490/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121490/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63976-81 MS	CS-81 (2')	Soluble	Solid	DI Leach	
880-63976-81 MSD	CS-81 (2')	Soluble	Solid	DI Leach	
880-63976-91 MS	CS-91 (6')	Soluble	Solid	DI Leach	
880-63976-91 MSD	CS-91 (6')	Soluble	Solid	DI Leach	

Leach Batch: 121491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-101	SW-1 (3')	Soluble	Solid	DI Leach	
880-63976-102	SW-2 (3')	Soluble	Solid	DI Leach	
880-63976-103	SW-3 (3')	Soluble	Solid	DI Leach	
880-63976-104	SW-4 (3')	Soluble	Solid	DI Leach	
880-63976-105	SW-5 (3')	Soluble	Solid	DI Leach	
880-63976-106	SW-6 (3')	Soluble	Solid	DI Leach	
880-63976-107	SW-7 (5')	Soluble	Solid	DI Leach	
880-63976-108	SW-8 (5')	Soluble	Solid	DI Leach	
880-63976-109	SW-9 (5')	Soluble	Solid	DI Leach	
880-63976-110	SW-10 (5')	Soluble	Solid	DI Leach	
880-63976-111	SW-11 (5')	Soluble	Solid	DI Leach	
880-63976-112	SW-12 (5')	Soluble	Solid	DI Leach	
880-63976-113	SW-13 (5')	Soluble	Solid	DI Leach	
880-63976-114	SW-14 (5')	Soluble	Solid	DI Leach	
880-63976-115	SW-15 (3')	Soluble	Solid	DI Leach	
880-63976-116	SW-16 (3')	Soluble	Solid	DI Leach	
880-63976-117	SW-17 (3')	Soluble	Solid	DI Leach	
880-63976-118	SW-18 (3')	Soluble	Solid	DI Leach	
880-63976-119	SW-19 (3')	Soluble	Solid	DI Leach	
880-63976-120	SW-20 (3')	Soluble	Solid	DI Leach	
MB 880-121491/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121491/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121491/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63976-101 MS	SW-1 (3')	Soluble	Solid	DI Leach	
880-63976-101 MSD	SW-1 (3')	Soluble	Solid	DI Leach	
880-63976-111 MS	SW-11 (5')	Soluble	Solid	DI Leach	
880-63976-111 MSD	SW-11 (5')	Soluble	Solid	DI Leach	

Leach Batch: 121492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-121	SW-21 (3')	Soluble	Solid	DI Leach	
880-63976-122	SW-22 (3')	Soluble	Solid	DI Leach	
880-63976-123	SW-23 (3')	Soluble	Solid	DI Leach	
880-63976-124	SW-24 (3')	Soluble	Solid	DI Leach	
880-63976-125	SW-25 (3')	Soluble	Solid	DI Leach	
880-63976-126	SW-26 (3')	Soluble	Solid	DI Leach	
880-63976-127	SW-27 (3')	Soluble	Solid	DI Leach	
880-63976-128	SW-28 (3')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 121492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-129	SW-29 (3')	Soluble	Solid	DI Leach	
880-63976-130	SW-30 (3')	Soluble	Solid	DI Leach	
880-63976-131	SW-31 (3')	Soluble	Solid	DI Leach	
880-63976-132	SW-32 (3')	Soluble	Solid	DI Leach	
880-63976-133	SW-33 (3')	Soluble	Solid	DI Leach	
880-63976-134	SW-34 (3')	Soluble	Solid	DI Leach	
880-63976-135	SW-35 (3')	Soluble	Solid	DI Leach	
880-63976-136	SW-36 (3')	Soluble	Solid	DI Leach	
880-63976-137	SW-37 (3')	Soluble	Solid	DI Leach	
880-63976-138	SW-38 (3')	Soluble	Solid	DI Leach	
880-63976-139	SW-39 (3')	Soluble	Solid	DI Leach	
880-63976-140	SW-40 (3')	Soluble	Solid	DI Leach	
MB 880-121492/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121492/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121492/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63976-121 MS	SW-21 (3')	Soluble	Solid	DI Leach	
880-63976-121 MSD	SW-21 (3')	Soluble	Solid	DI Leach	
880-63976-131 MS	SW-31 (3')	Soluble	Solid	DI Leach	
880-63976-131 MSD	SW-31 (3')	Soluble	Solid	DI Leach	

Leach Batch: 121493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-141	SW-41 (3')	Soluble	Solid	DI Leach	
880-63976-142	SW-42 (3')	Soluble	Solid	DI Leach	
880-63976-143	SW-43 (2')	Soluble	Solid	DI Leach	
880-63976-144	SW-44 (4')	Soluble	Solid	DI Leach	
880-63976-145	SW-45 (2')	Soluble	Solid	DI Leach	
880-63976-146	SW-46 (2')	Soluble	Solid	DI Leach	
880-63976-147	SW-47 (2')	Soluble	Solid	DI Leach	
880-63976-148	SW-48 (2')	Soluble	Solid	DI Leach	
880-63976-149	SW-49 (2')	Soluble	Solid	DI Leach	
880-63976-150	SW-50 (2')	Soluble	Solid	DI Leach	
880-63976-151	SW-51 (2')	Soluble	Solid	DI Leach	
880-63976-152	SW-52 (2')	Soluble	Solid	DI Leach	
880-63976-153	SW-53 (6')	Soluble	Solid	DI Leach	
880-63976-154	SW-54 (6')	Soluble	Solid	DI Leach	
880-63976-155	SW-55 (6')	Soluble	Solid	DI Leach	
880-63976-156	SW-56 (6')	Soluble	Solid	DI Leach	
880-63976-157	SW-57 (6')	Soluble	Solid	DI Leach	
880-63976-158	SW-58 (4')	Soluble	Solid	DI Leach	
880-63976-159	SW-59 (6')	Soluble	Solid	DI Leach	
880-63976-160	SW-60 (6')	Soluble	Solid	DI Leach	
MB 880-121493/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121493/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121493/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63976-141 MS	SW-41 (3')	Soluble	Solid	DI Leach	
880-63976-141 MSD	SW-41 (3')	Soluble	Solid	DI Leach	
880-63976-151 MS	SW-51 (2')	Soluble	Solid	DI Leach	
880-63976-151 MSD	SW-51 (2')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 121514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-161	SW-61 (6')	Soluble	Solid	DI Leach	
880-63976-162	SW-62 (6')	Soluble	Solid	DI Leach	
880-63976-163	SW-63 (6')	Soluble	Solid	DI Leach	
MB 880-121514/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121514/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121514/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63985-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-63985-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 121541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-1	CS 1 (3')	Soluble	Solid	300.0	121486
880-63976-2	CS 2 (3')	Soluble	Solid	300.0	121486
880-63976-3	CS 3 (3')	Soluble	Solid	300.0	121486
880-63976-4	CS 4 (3')	Soluble	Solid	300.0	121486
880-63976-5	CS 5 (3')	Soluble	Solid	300.0	121486
880-63976-6	CS 6 (3')	Soluble	Solid	300.0	121486
880-63976-7	CS 7 (3')	Soluble	Solid	300.0	121486
880-63976-8	CS 8 (3')	Soluble	Solid	300.0	121486
880-63976-9	CS 9 (3')	Soluble	Solid	300.0	121486
880-63976-10	CS 10 (3')	Soluble	Solid	300.0	121486
880-63976-11	CS 11 (5')	Soluble	Solid	300.0	121486
880-63976-12	CS 12 (5')	Soluble	Solid	300.0	121486
880-63976-13	CS 13 (5')	Soluble	Solid	300.0	121486
880-63976-14	CS 14 (5')	Soluble	Solid	300.0	121486
880-63976-15	CS 15 (5')	Soluble	Solid	300.0	121486
880-63976-16	CS 16 (5')	Soluble	Solid	300.0	121486
880-63976-17	CS 17 (5')	Soluble	Solid	300.0	121486
880-63976-18	CS 18 (5')	Soluble	Solid	300.0	121486
880-63976-19	CS 19 (5')	Soluble	Solid	300.0	121486
880-63976-20	CS 20 (5')	Soluble	Solid	300.0	121486
MB 880-121486/1-A	Method Blank	Soluble	Solid	300.0	121486
LCS 880-121486/2-A	Lab Control Sample	Soluble	Solid	300.0	121486
LCSD 880-121486/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121486
880-63976-1 MS	CS 1 (3')	Soluble	Solid	300.0	121486
880-63976-1 MSD	CS 1 (3')	Soluble	Solid	300.0	121486
880-63976-11 MS	CS 11 (5')	Soluble	Solid	300.0	121486
880-63976-11 MSD	CS 11 (5')	Soluble	Solid	300.0	121486

Analysis Batch: 121543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-21	CS 21 (5')	Soluble	Solid	300.0	121487
880-63976-22	CS 22 (5')	Soluble	Solid	300.0	121487
880-63976-23	CS 23 (3')	Soluble	Solid	300.0	121487
880-63976-24	CS 24 (3')	Soluble	Solid	300.0	121487
880-63976-25	CS 25 (3')	Soluble	Solid	300.0	121487
880-63976-26	CS 26 (3')	Soluble	Solid	300.0	121487
880-63976-27	CS 27 (3')	Soluble	Solid	300.0	121487
880-63976-28	CS 28 (3')	Soluble	Solid	300.0	121487
880-63976-29	CS 29 (3')	Soluble	Solid	300.0	121487
880-63976-30	CS 30 (3')	Soluble	Solid	300.0	121487

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 121543 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-31	CS 31 (3')	Soluble	Solid	300.0	121487
880-63976-32	CS 32 (3')	Soluble	Solid	300.0	121487
880-63976-33	CS 33 (3')	Soluble	Solid	300.0	121487
880-63976-34	CS 34 (3')	Soluble	Solid	300.0	121487
880-63976-35	CS 35 (3')	Soluble	Solid	300.0	121487
880-63976-36	CS 36 (3')	Soluble	Solid	300.0	121487
880-63976-37	CS 37 (3')	Soluble	Solid	300.0	121487
880-63976-38	CS 38 (3')	Soluble	Solid	300.0	121487
880-63976-39	CS 39 (3')	Soluble	Solid	300.0	121487
880-63976-40	CS 40 (3')	Soluble	Solid	300.0	121487
MB 880-121487/1-A	Method Blank	Soluble	Solid	300.0	121487
LCS 880-121487/2-A	Lab Control Sample	Soluble	Solid	300.0	121487
LCSD 880-121487/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121487
880-63976-21 MS	CS 21 (5')	Soluble	Solid	300.0	121487
880-63976-21 MSD	CS 21 (5')	Soluble	Solid	300.0	121487
880-63976-31 MS	CS 31 (3')	Soluble	Solid	300.0	121487
880-63976-31 MSD	CS 31 (3')	Soluble	Solid	300.0	121487

Analysis Batch: 121545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-41	CS 41 (3')	Soluble	Solid	300.0	121488
880-63976-42	CS 42 (3')	Soluble	Solid	300.0	121488
880-63976-43	CS 43 (3')	Soluble	Solid	300.0	121488
880-63976-44	CS 44 (3')	Soluble	Solid	300.0	121488
880-63976-45	CS 45 (2')	Soluble	Solid	300.0	121488
880-63976-46	CS 46 (2')	Soluble	Solid	300.0	121488
880-63976-47	CS 47 (2')	Soluble	Solid	300.0	121488
880-63976-48	CS 48 (2')	Soluble	Solid	300.0	121488
880-63976-49	CS 49 (2')	Soluble	Solid	300.0	121488
880-63976-50	CS 50 (2')	Soluble	Solid	300.0	121488
880-63976-51	CS 51 (2')	Soluble	Solid	300.0	121488
880-63976-52	CS 52 (2')	Soluble	Solid	300.0	121488
880-63976-53	CS 53 (2')	Soluble	Solid	300.0	121488
880-63976-54	CS 54 (2')	Soluble	Solid	300.0	121488
880-63976-55	CS 55 (2')	Soluble	Solid	300.0	121488
880-63976-56	CS 56 (2')	Soluble	Solid	300.0	121488
880-63976-57	CS 57 (2')	Soluble	Solid	300.0	121488
880-63976-58	CS 58 (2')	Soluble	Solid	300.0	121488
880-63976-59	CS 59 (2')	Soluble	Solid	300.0	121488
880-63976-60	CS 60 (2')	Soluble	Solid	300.0	121488
MB 880-121488/1-A	Method Blank	Soluble	Solid	300.0	121488
LCS 880-121488/2-A	Lab Control Sample	Soluble	Solid	300.0	121488
LCSD 880-121488/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121488
880-63976-41 MS	CS 41 (3')	Soluble	Solid	300.0	121488
880-63976-41 MSD	CS 41 (3')	Soluble	Solid	300.0	121488
880-63976-51 MS	CS 51 (2')	Soluble	Solid	300.0	121488
880-63976-51 MSD	CS 51 (2')	Soluble	Solid	300.0	121488

Analysis Batch: 121547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-61	CS 61 (2')	Soluble	Solid	300.0	121489

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 121547 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-62	CS 62 (2')	Soluble	Solid	300.0	121489
880-63976-63	CS 63 (2')	Soluble	Solid	300.0	121489
880-63976-64	CS 64 (2')	Soluble	Solid	300.0	121489
880-63976-65	CS 65 (2')	Soluble	Solid	300.0	121489
880-63976-66	CS-66 (2')	Soluble	Solid	300.0	121489
880-63976-67	CS 67 (2')	Soluble	Solid	300.0	121489
880-63976-68	CS 68 (2')	Soluble	Solid	300.0	121489
880-63976-69	CS 69 (2')	Soluble	Solid	300.0	121489
880-63976-70	CS-70 (2')	Soluble	Solid	300.0	121489
880-63976-71	CS-71 (2')	Soluble	Solid	300.0	121489
880-63976-72	CS-72 (2')	Soluble	Solid	300.0	121489
880-63976-73	CS-73 (2')	Soluble	Solid	300.0	121489
880-63976-74	CS-74 (2')	Soluble	Solid	300.0	121489
880-63976-75	CS-75 (2')	Soluble	Solid	300.0	121489
880-63976-76	CS-76 (2')	Soluble	Solid	300.0	121489
880-63976-77	CS-77 (2')	Soluble	Solid	300.0	121489
880-63976-78	CS-78 (2')	Soluble	Solid	300.0	121489
880-63976-79	CS-79 (2')	Soluble	Solid	300.0	121489
880-63976-80	CS-80 (2')	Soluble	Solid	300.0	121489
MB 880-121489/1-A	Method Blank	Soluble	Solid	300.0	121489
LCS 880-121489/2-A	Lab Control Sample	Soluble	Solid	300.0	121489
LCSD 880-121489/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121489
880-63976-61 MS	CS 61 (2')	Soluble	Solid	300.0	121489
880-63976-61 MSD	CS 61 (2')	Soluble	Solid	300.0	121489
880-63976-71 MS	CS-71 (2')	Soluble	Solid	300.0	121489
880-63976-71 MSD	CS-71 (2')	Soluble	Solid	300.0	121489

Analysis Batch: 121548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-81	CS-81 (2')	Soluble	Solid	300.0	121490
880-63976-82	CS-82 (2')	Soluble	Solid	300.0	121490
880-63976-83	CS-83 (2')	Soluble	Solid	300.0	121490
880-63976-84	CS-84 (6')	Soluble	Solid	300.0	121490
880-63976-85	CS-85 (6')	Soluble	Solid	300.0	121490
880-63976-86	CS-86 (6')	Soluble	Solid	300.0	121490
880-63976-87	CS-87 (6')	Soluble	Solid	300.0	121490
880-63976-88	CS-88 (6')	Soluble	Solid	300.0	121490
880-63976-89	CS-89 (6')	Soluble	Solid	300.0	121490
880-63976-90	CS-90 (6')	Soluble	Solid	300.0	121490
880-63976-91	CS-91 (6')	Soluble	Solid	300.0	121490
880-63976-92	CS-92 (6')	Soluble	Solid	300.0	121490
880-63976-93	CS-93 (6')	Soluble	Solid	300.0	121490
880-63976-94	CS-94 (6')	Soluble	Solid	300.0	121490
880-63976-95	CS-95 (6')	Soluble	Solid	300.0	121490
880-63976-96	CS-96 (6')	Soluble	Solid	300.0	121490
880-63976-97	CS-97 (6')	Soluble	Solid	300.0	121490
880-63976-98	CS-98 (6')	Soluble	Solid	300.0	121490
880-63976-99	CS-99 (6')	Soluble	Solid	300.0	121490
880-63976-100	CS-100 (6')	Soluble	Solid	300.0	121490
MB 880-121490/1-A	Method Blank	Soluble	Solid	300.0	121490
LCS 880-121490/2-A	Lab Control Sample	Soluble	Solid	300.0	121490

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 121548 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-121490/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121490
880-63976-81 MS	CS-81 (2')	Soluble	Solid	300.0	121490
880-63976-81 MSD	CS-81 (2')	Soluble	Solid	300.0	121490
880-63976-91 MS	CS-91 (6')	Soluble	Solid	300.0	121490
880-63976-91 MSD	CS-91 (6')	Soluble	Solid	300.0	121490

Analysis Batch: 121568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-101	SW-1 (3')	Soluble	Solid	300.0	121491
880-63976-102	SW-2 (3')	Soluble	Solid	300.0	121491
880-63976-103	SW-3 (3')	Soluble	Solid	300.0	121491
880-63976-104	SW-4 (3')	Soluble	Solid	300.0	121491
880-63976-105	SW-5 (3')	Soluble	Solid	300.0	121491
880-63976-106	SW-6 (3')	Soluble	Solid	300.0	121491
880-63976-107	SW-7 (5')	Soluble	Solid	300.0	121491
880-63976-108	SW-8 (5')	Soluble	Solid	300.0	121491
880-63976-109	SW-9 (5')	Soluble	Solid	300.0	121491
880-63976-110	SW-10 (5')	Soluble	Solid	300.0	121491
880-63976-111	SW-11 (5')	Soluble	Solid	300.0	121491
880-63976-112	SW-12 (5')	Soluble	Solid	300.0	121491
880-63976-113	SW-13 (5')	Soluble	Solid	300.0	121491
880-63976-114	SW-14 (5')	Soluble	Solid	300.0	121491
880-63976-115	SW-15 (3')	Soluble	Solid	300.0	121491
880-63976-116	SW-16 (3')	Soluble	Solid	300.0	121491
880-63976-117	SW-17 (3')	Soluble	Solid	300.0	121491
880-63976-118	SW-18 (3')	Soluble	Solid	300.0	121491
880-63976-119	SW-19 (3')	Soluble	Solid	300.0	121491
880-63976-120	SW-20 (3')	Soluble	Solid	300.0	121491
MB 880-121491/1-A	Method Blank	Soluble	Solid	300.0	121491
LCS 880-121491/2-A	Lab Control Sample	Soluble	Solid	300.0	121491
LCSD 880-121491/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121491
880-63976-101 MS	SW-1 (3')	Soluble	Solid	300.0	121491
880-63976-101 MSD	SW-1 (3')	Soluble	Solid	300.0	121491
880-63976-111 MS	SW-11 (5')	Soluble	Solid	300.0	121491
880-63976-111 MSD	SW-11 (5')	Soluble	Solid	300.0	121491

Analysis Batch: 121569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-141	SW-41 (3')	Soluble	Solid	300.0	121493
880-63976-142	SW-42 (3')	Soluble	Solid	300.0	121493
880-63976-143	SW-43 (2')	Soluble	Solid	300.0	121493
880-63976-144	SW-44 (4')	Soluble	Solid	300.0	121493
880-63976-145	SW-45 (2')	Soluble	Solid	300.0	121493
880-63976-146	SW-46 (2')	Soluble	Solid	300.0	121493
880-63976-147	SW-47 (2')	Soluble	Solid	300.0	121493
880-63976-148	SW-48 (2')	Soluble	Solid	300.0	121493
880-63976-149	SW-49 (2')	Soluble	Solid	300.0	121493
880-63976-150	SW-50 (2')	Soluble	Solid	300.0	121493
880-63976-151	SW-51 (2')	Soluble	Solid	300.0	121493
880-63976-152	SW-52 (2')	Soluble	Solid	300.0	121493
880-63976-153	SW-53 (6')	Soluble	Solid	300.0	121493

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 121569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-154	SW-54 (6')	Soluble	Solid	300.0	121493
880-63976-155	SW-55 (6')	Soluble	Solid	300.0	121493
880-63976-156	SW-56 (6')	Soluble	Solid	300.0	121493
880-63976-157	SW-57 (6')	Soluble	Solid	300.0	121493
880-63976-158	SW-58 (4')	Soluble	Solid	300.0	121493
880-63976-159	SW-59 (6')	Soluble	Solid	300.0	121493
880-63976-160	SW-60 (6')	Soluble	Solid	300.0	121493
MB 880-121493/1-A	Method Blank	Soluble	Solid	300.0	121493
LCS 880-121493/2-A	Lab Control Sample	Soluble	Solid	300.0	121493
LCSD 880-121493/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121493
880-63976-141 MS	SW-41 (3')	Soluble	Solid	300.0	121493
880-63976-141 MSD	SW-41 (3')	Soluble	Solid	300.0	121493
880-63976-151 MS	SW-51 (2')	Soluble	Solid	300.0	121493
880-63976-151 MSD	SW-51 (2')	Soluble	Solid	300.0	121493

Analysis Batch: 121570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-121	SW-21 (3')	Soluble	Solid	300.0	121492
880-63976-122	SW-22 (3')	Soluble	Solid	300.0	121492
880-63976-123	SW-23 (3')	Soluble	Solid	300.0	121492
880-63976-124	SW-24 (3')	Soluble	Solid	300.0	121492
880-63976-125	SW-25 (3')	Soluble	Solid	300.0	121492
880-63976-126	SW-26 (3')	Soluble	Solid	300.0	121492
880-63976-127	SW-27 (3')	Soluble	Solid	300.0	121492
880-63976-128	SW-28 (3')	Soluble	Solid	300.0	121492
880-63976-129	SW-29 (3')	Soluble	Solid	300.0	121492
880-63976-130	SW-30 (3')	Soluble	Solid	300.0	121492
880-63976-131	SW-31 (3')	Soluble	Solid	300.0	121492
880-63976-132	SW-32 (3')	Soluble	Solid	300.0	121492
880-63976-133	SW-33 (3')	Soluble	Solid	300.0	121492
880-63976-134	SW-34 (3')	Soluble	Solid	300.0	121492
880-63976-135	SW-35 (3')	Soluble	Solid	300.0	121492
880-63976-136	SW-36 (3')	Soluble	Solid	300.0	121492
880-63976-137	SW-37 (3')	Soluble	Solid	300.0	121492
880-63976-138	SW-38 (3')	Soluble	Solid	300.0	121492
880-63976-139	SW-39 (3')	Soluble	Solid	300.0	121492
880-63976-140	SW-40 (3')	Soluble	Solid	300.0	121492
MB 880-121492/1-A	Method Blank	Soluble	Solid	300.0	121492
LCS 880-121492/2-A	Lab Control Sample	Soluble	Solid	300.0	121492
LCSD 880-121492/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121492
880-63976-121 MS	SW-21 (3')	Soluble	Solid	300.0	121492
880-63976-121 MSD	SW-21 (3')	Soluble	Solid	300.0	121492
880-63976-131 MS	SW-31 (3')	Soluble	Solid	300.0	121492
880-63976-131 MSD	SW-31 (3')	Soluble	Solid	300.0	121492

Analysis Batch: 121623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63976-161	SW-61 (6')	Soluble	Solid	300.0	121514
880-63976-162	SW-62 (6')	Soluble	Solid	300.0	121514
880-63976-163	SW-63 (6')	Soluble	Solid	300.0	121514
MB 880-121514/1-A	Method Blank	Soluble	Solid	300.0	121514

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 121623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-121514/2-A	Lab Control Sample	Soluble	Solid	300.0	121514
LCSD 880-121514/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121514
880-63985-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	121514
880-63985-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	121514

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 1 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/17/25 22:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/17/25 22:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 20:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 20:46	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 14:20	CS	EET MID

Client Sample ID: CS 2 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/17/25 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/17/25 22:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 21:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 21:32	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 14:38	CS	EET MID

Client Sample ID: CS 3 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/17/25 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/17/25 23:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 21:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 21:48	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 14:44	CS	EET MID

Client Sample ID: CS 4 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/17/25 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/17/25 23:39	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 4 (3')
Lab Sample ID: 880-63976-4
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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			121560	10/17/25 22:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 22:03	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 14:49	CS	EET MID

Client Sample ID: CS 5 (3')
Lab Sample ID: 880-63976-5
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/17/25 23:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/17/25 23:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 22:18	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 22:18	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 14:55	CS	EET MID

Client Sample ID: CS 6 (3')
Lab Sample ID: 880-63976-6
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 00:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 22:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 22:33	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 15:13	CS	EET MID

Client Sample ID: CS 7 (3')
Lab Sample ID: 880-63976-7
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 00:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 00:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 22:49	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 22:49	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 7 (3')

Lab Sample ID: 880-63976-7
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 15:19	CS	EET MID

Client Sample ID: CS 8 (3')

Lab Sample ID: 880-63976-8
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 01:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 23:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 23:04	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 15:25	CS	EET MID

Client Sample ID: CS 9 (3')

Lab Sample ID: 880-63976-9
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 01:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 23:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 23:19	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 15:30	CS	EET MID

Client Sample ID: CS 10 (3')

Lab Sample ID: 880-63976-10
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 01:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/17/25 23:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/17/25 23:34	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 15:36	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 11 (5')

Lab Sample ID: 880-63976-11
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 03:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 03:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 00:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 00:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 15:42	CS	EET MID

Client Sample ID: CS 12 (5')

Lab Sample ID: 880-63976-12
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 03:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 03:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 00:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 00:19	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 16:00	CS	EET MID

Client Sample ID: CS 13 (5')

Lab Sample ID: 880-63976-13
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 03:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 03:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 00:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 00:35	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 16:06	CS	EET MID

Client Sample ID: CS 14 (5')

Lab Sample ID: 880-63976-14
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 04:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 04:16	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 14 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-14
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			121560	10/18/25 00:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 00:50	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 16:23	CS	EET MID

Client Sample ID: CS 15 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-15
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	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 04:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 04:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 01:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 01:06	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 16:29	CS	EET MID

Client Sample ID: CS 16 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-16
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			5.03 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 04:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 04:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 01:20	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 01:20	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 16:35	CS	EET MID

Client Sample ID: CS 17 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 05:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 01:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 01:36	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 17 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 17:12	CS	EET MID

Client Sample ID: CS 18 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 05:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 01:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 01:51	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 16:43	CS	EET MID

Client Sample ID: CS 19 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 05:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 02:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 02:06	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 16:48	CS	EET MID

Client Sample ID: CS 20 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	121473	10/17/25 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121425	10/18/25 06:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 06:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/18/25 02:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121481	10/17/25 15:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121452	10/18/25 02:21	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121486	10/17/25 16:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121541	10/20/25 16:54	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 21 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/17/25 23:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/17/25 23:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 00:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 00:15	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 15:41	CS	EET MID

Client Sample ID: CS 22 (5')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-22
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			5.01 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/17/25 23:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/17/25 23:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 01:01	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 15:57	CS	EET MID

Client Sample ID: CS 23 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 00:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 00:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 01:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 01:16	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:02	CS	EET MID

Client Sample ID: CS 24 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-24
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			4.95 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 00:33	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 24 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			121560	10/22/25 01:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 01:32	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:08	CS	EET MID

Client Sample ID: CS 25 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-25
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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 00:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 01:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 01:47	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:13	CS	EET MID

Client Sample ID: CS 26 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-26
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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 02:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 02:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:29	CS	EET MID

Client Sample ID: CS 27 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-27
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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 02:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 02:18	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 27 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:34	CS	EET MID

Client Sample ID: CS 28 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 02:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 02:33	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:39	CS	EET MID

Client Sample ID: CS 29 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 02:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 02:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 02:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 02:48	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:44	CS	EET MID

Client Sample ID: CS 30 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 02:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 02:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 03:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 03:03	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:50	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 31 (3')

Lab Sample ID: 880-63976-31
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 04:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 04:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 03:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 03:34	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 16:55	CS	EET MID

Client Sample ID: CS 32 (3')

Lab Sample ID: 880-63976-32
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 04:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 04:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 03:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 03:48	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 17:11	CS	EET MID

Client Sample ID: CS 33 (3')

Lab Sample ID: 880-63976-33
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 04:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 04:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 04:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 04:03	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 17:16	CS	EET MID

Client Sample ID: CS 34 (3')

Lab Sample ID: 880-63976-34
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 05:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:11	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 34 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-34
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			121560	10/22/25 04:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 04:19	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 17:32	CS	EET MID

Client Sample ID: CS 35 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 04:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 04:35	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 17:37	CS	EET MID

Client Sample ID: CS 36 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-36
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			5.03 g	5 mL	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 05:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 04:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 04:50	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 17:42	CS	EET MID

Client Sample ID: CS 37 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-37
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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 06:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 06:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 05:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 05:05	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 37 (3')

Lab Sample ID: 880-63976-37
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 17:47	CS	EET MID

Client Sample ID: CS 38 (3')

Lab Sample ID: 880-63976-38
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 06:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 06:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 05:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 05:21	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 17:53	CS	EET MID

Client Sample ID: CS 39 (3')

Lab Sample ID: 880-63976-39
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 06:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 06:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 05:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 05:36	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 17:58	CS	EET MID

Client Sample ID: CS 40 (3')

Lab Sample ID: 880-63976-40
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121474	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 07:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 07:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 05:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121482	10/17/25 15:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121728	10/22/25 05:51	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121487	10/17/25 16:23	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121543	10/20/25 18:03	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 41 (3')

Lab Sample ID: 880-63976-41
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 00:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 00:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 09:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 09:57	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 17:59	CS	EET MID

Client Sample ID: CS 42 (3')

Lab Sample ID: 880-63976-42
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 00:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 10:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 10:43	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 18:16	CS	EET MID

Client Sample ID: CS 43 (3')

Lab Sample ID: 880-63976-43
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 00:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 00:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 10:58	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 10:58	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 18:22	CS	EET MID

Client Sample ID: CS 44 (3')

Lab Sample ID: 880-63976-44
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:17	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 44 (3')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			121560	10/22/25 11:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 11:14	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 18:28	CS	EET MID

Client Sample ID: CS 45 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-45
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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 11:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 11:29	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 18:34	CS	EET MID

Client Sample ID: CS 46 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-46
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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 01:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 11:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 11:45	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 18:52	CS	EET MID

Client Sample ID: CS 47 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-47
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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 02:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 12:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 12:00	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 47 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 18:58	CS	EET MID

Client Sample ID: CS 48 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 02:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 12:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 12:16	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 19:03	CS	EET MID

Client Sample ID: CS 49 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-49
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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 03:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 03:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 12:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 12:31	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 19:09	CS	EET MID

Client Sample ID: CS 50 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-50
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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 03:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 03:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 12:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 12:47	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 19:15	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 51 (2')
Lab Sample ID: 880-63976-51
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 05:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 13:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 13:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 19:21	CS	EET MID

Client Sample ID: CS 52 (2')
Lab Sample ID: 880-63976-52
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 13:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 13:44	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 19:39	CS	EET MID

Client Sample ID: CS 53 (2')
Lab Sample ID: 880-63976-53
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 05:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 05:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 13:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 13:59	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 19:44	CS	EET MID

Client Sample ID: CS 54 (2')
Lab Sample ID: 880-63976-54
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 06:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 06:12	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 54 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-54
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			121560	10/22/25 14:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 14:15	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 20:02	CS	EET MID

Client Sample ID: CS 55 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-55
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			5.02 g	5 mL	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 06:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 06:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 14:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 14:31	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 20:08	CS	EET MID

Client Sample ID: CS 56 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-56
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			5.03 g	5 mL	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 06:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 14:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 14:46	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 20:14	CS	EET MID

Client Sample ID: CS 57 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-57
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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 07:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 07:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 15:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 15:01	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 57 (2')

Lab Sample ID: 880-63976-57
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 20:20	CS	EET MID

Client Sample ID: CS 58 (2')

Lab Sample ID: 880-63976-58
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 07:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 07:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 15:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 15:17	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 20:26	CS	EET MID

Client Sample ID: CS 59 (2')

Lab Sample ID: 880-63976-59
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 07:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 07:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 15:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 15:32	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 20:31	CS	EET MID

Client Sample ID: CS 60 (2')

Lab Sample ID: 880-63976-60
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121475	10/17/25 15:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 08:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 08:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 15:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	121483	10/17/25 15:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121753	10/22/25 15:48	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121488	10/17/25 16:25	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121545	10/20/25 20:37	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 61 (2')
Lab Sample ID: 880-63976-61
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 10:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 10:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 12:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 12:22	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 21:24	CS	EET MID

Client Sample ID: CS 62 (2')
Lab Sample ID: 880-63976-62
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 10:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 10:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 12:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 12:37	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 21:42	CS	EET MID

Client Sample ID: CS 63 (2')
Lab Sample ID: 880-63976-63
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 11:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 11:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 12:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 12:52	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 21:48	CS	EET MID

Client Sample ID: CS 64 (2')
Lab Sample ID: 880-63976-64
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 11:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 11:30	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 64 (2')

Lab Sample ID: 880-63976-64
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			121560	10/20/25 13:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 13:07	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 21:54	CS	EET MID

Client Sample ID: CS 65 (2')

Lab Sample ID: 880-63976-65
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 11:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 11:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 13:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 13:22	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 22:00	CS	EET MID

Client Sample ID: CS-66 (2')

Lab Sample ID: 880-63976-66
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 12:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 12:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 13:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 13:52	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 22:17	CS	EET MID

Client Sample ID: CS 67 (2')

Lab Sample ID: 880-63976-67
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 12:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 12:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 14:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 14:06	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS 67 (2')
Lab Sample ID: 880-63976-67
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 22:23	CS	EET MID

Client Sample ID: CS 68 (2')
Lab Sample ID: 880-63976-68
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 12:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 12:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 14:21	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 22:29	CS	EET MID

Client Sample ID: CS 69 (2')
Lab Sample ID: 880-63976-69
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 13:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 14:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 14:36	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 22:35	CS	EET MID

Client Sample ID: CS-70 (2')
Lab Sample ID: 880-63976-70
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 13:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 14:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 14:51	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 22:41	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-71 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-71
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			4.95 g	5 mL	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 15:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 15:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 15:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 15:07	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 22:47	CS	EET MID

Client Sample ID: CS-72 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-72
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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 15:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 15:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 15:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 15:21	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 23:04	CS	EET MID

Client Sample ID: CS-73 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-73
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			4.97 g	5 mL	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 15:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 15:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 15:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 15:37	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 23:10	CS	EET MID

Client Sample ID: CS-74 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-74
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			5.05 g	5 mL	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 16:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 16:08	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-74 (2')

Lab Sample ID: 880-63976-74
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			121560	10/20/25 15:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 15:51	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 23:28	CS	EET MID

Client Sample ID: CS-75 (2')

Lab Sample ID: 880-63976-75
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 16:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 16:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 16:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121513	10/20/25 08:42	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 16:06	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 23:33	CS	EET MID

Client Sample ID: CS-76 (2')

Lab Sample ID: 880-63976-76
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 16:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 16:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 12:22	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 12:22	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 23:39	CS	EET MID

Client Sample ID: CS-77 (2')

Lab Sample ID: 880-63976-77
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 17:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 17:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 12:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 12:37	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-77 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-77
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			5.02 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 23:45	CS	EET MID

Client Sample ID: CS-78 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-78
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			4.99 g	5 mL	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 17:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 17:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 12:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 12:52	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 23:51	CS	EET MID

Client Sample ID: CS-79 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-79
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			5.02 g	5 mL	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 17:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 13:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 13:07	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/20/25 23:57	CS	EET MID

Client Sample ID: CS-80 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-80
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			5.01 g	5 mL	121476	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121424	10/18/25 18:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 18:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 13:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 13:22	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121489	10/17/25 16:27	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121547	10/21/25 00:03	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-81 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-81
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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 11:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 13:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 13:52	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 18:45	CS	EET MID

Client Sample ID: CS-82 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-82
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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 12:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 14:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 14:06	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:01	CS	EET MID

Client Sample ID: CS-83 (2')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-83
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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 12:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 14:21	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:06	CS	EET MID

Client Sample ID: CS-84 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-84
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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 12:54	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-84 (6')

Lab Sample ID: 880-63976-84
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			121560	10/20/25 14:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 14:36	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:11	CS	EET MID

Client Sample ID: CS-85 (6')

Lab Sample ID: 880-63976-85
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 13:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 13:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 14:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 14:51	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:17	CS	EET MID

Client Sample ID: CS-86 (6')

Lab Sample ID: 880-63976-86
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 13:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 13:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 15:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 15:07	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:32	CS	EET MID

Client Sample ID: CS-87 (6')

Lab Sample ID: 880-63976-87
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 13:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 15:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 15:21	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-87 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-87
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			5.03 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:38	CS	EET MID

Client Sample ID: CS-88 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-88
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			5.03 g	5 mL	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 14:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 14:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 15:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 15:37	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:43	CS	EET MID

Client Sample ID: CS-89 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-89
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			5.05 g	5 mL	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 14:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 15:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 15:51	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:48	CS	EET MID

Client Sample ID: CS-90 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-90
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			4.98 g	5 mL	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 14:57	MNR	EET MID
Total/NA	Prep	5035			4.98 g	5 mL	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 16:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 14:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 16:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121509	10/20/25 08:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121532	10/20/25 16:06	FC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-90 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-90
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	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:53	CS	EET MID

Client Sample ID: CS-91 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-91
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			4.95 g	5 mL	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 17:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 18:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 18:06	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 19:58	CS	EET MID

Client Sample ID: CS-92 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-92
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			5.05 g	5 mL	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 17:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 18:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 18:50	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 20:14	CS	EET MID

Client Sample ID: CS-93 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-93
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			4.97 g	5 mL	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 17:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 17:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 19:06	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 19:06	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 20:19	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-94 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-94
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			5.05 g	5 mL	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 18:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 19:20	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 19:20	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 20:35	CS	EET MID

Client Sample ID: CS-95 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-95
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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 18:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 19:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 19:36	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 20:40	CS	EET MID

Client Sample ID: CS-96 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-96
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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 18:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 19:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 19:50	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 20:46	CS	EET MID

Client Sample ID: CS-97 (6')
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Lab Sample ID: 880-63976-97
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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 19:11	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-97 (6')

Lab Sample ID: 880-63976-97

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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			121560	10/20/25 20:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 20:06	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 20:51	CS	EET MID

Client Sample ID: CS-98 (6')

Lab Sample ID: 880-63976-98

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 19:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 20:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 20:20	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 20:56	CS	EET MID

Client Sample ID: CS-99 (6')

Lab Sample ID: 880-63976-99

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 19:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 20:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 20:36	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 21:01	CS	EET MID

Client Sample ID: CS-100 (6')

Lab Sample ID: 880-63976-100

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121477	10/17/25 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121426	10/18/25 20:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 20:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 20:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 20:50	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: CS-100 (6')
Lab Sample ID: 880-63976-100

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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	121490	10/17/25 16:30	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121548	10/20/25 21:07	CS	EET MID

Client Sample ID: SW-1 (3')
Lab Sample ID: 880-63976-101

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 18:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 21:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 21:21	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 21:49	CS	EET MID

Client Sample ID: SW-2 (3')
Lab Sample ID: 880-63976-102

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 18:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 21:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 21:36	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:04	CS	EET MID

Client Sample ID: SW-3 (3')
Lab Sample ID: 880-63976-103

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 19:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 21:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 21:51	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:10	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (3')

Lab Sample ID: 880-63976-104
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 19:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 22:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 22:06	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:15	CS	EET MID

Client Sample ID: SW-5 (3')

Lab Sample ID: 880-63976-105
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 19:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 22:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 22:21	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:20	CS	EET MID

Client Sample ID: SW-6 (3')

Lab Sample ID: 880-63976-106
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 20:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 22:36	SA	EET MID
Total/NA	Prep	8015NM Prep			99.9 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 22:36	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:36	CS	EET MID

Client Sample ID: SW-7 (5')

Lab Sample ID: 880-63976-107
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 20:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 20:26	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-7 (5')
Lab Sample ID: 880-63976-107
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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			121560	10/20/25 22:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 22:51	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:41	CS	EET MID

Client Sample ID: SW-8 (5')
Lab Sample ID: 880-63976-108
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 20:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 20:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 23:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 23:06	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:46	CS	EET MID

Client Sample ID: SW-9 (5')
Lab Sample ID: 880-63976-109
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 21:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 21:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 23:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 23:21	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:52	CS	EET MID

Client Sample ID: SW-10 (5')
Lab Sample ID: 880-63976-110
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 21:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 23:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121542	10/20/25 12:15	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121534	10/20/25 23:36	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (5')

Lab Sample ID: 880-63976-110
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 22:57	CS	EET MID

Client Sample ID: SW-11 (5')

Lab Sample ID: 880-63976-111
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 23:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 23:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 21:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 21:09	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 23:02	CS	EET MID

Client Sample ID: SW-12 (5')

Lab Sample ID: 880-63976-112
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 23:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 23:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 21:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 21:51	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 23:18	CS	EET MID

Client Sample ID: SW-13 (5')

Lab Sample ID: 880-63976-113
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/18/25 23:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/18/25 23:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 22:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 22:05	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 23:23	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (5')
Lab Sample ID: 880-63976-114
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/19/25 00:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 00:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 22:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 22:19	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 23:39	CS	EET MID

Client Sample ID: SW-15 (3')
Lab Sample ID: 880-63976-115
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/19/25 00:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 00:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 22:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 22:33	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 23:44	CS	EET MID

Client Sample ID: SW-16 (3')
Lab Sample ID: 880-63976-116
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/19/25 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 00:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 22:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 22:48	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 23:49	CS	EET MID

Client Sample ID: SW-17 (3')
Lab Sample ID: 880-63976-117
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/19/25 01:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 01:03	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (3')
Lab Sample ID: 880-63976-117
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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			121560	10/20/25 23:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 23:01	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/20/25 23:54	CS	EET MID

Client Sample ID: SW-18 (3')
Lab Sample ID: 880-63976-118
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/19/25 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 01:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 23:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 23:16	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/21/25 00:00	CS	EET MID

Client Sample ID: SW-19 (3')
Lab Sample ID: 880-63976-119
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/19/25 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 01:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 23:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 23:30	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/21/25 00:05	CS	EET MID

Client Sample ID: SW-20 (3')
Lab Sample ID: 880-63976-120
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121478	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121497	10/19/25 02:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 02:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/20/25 23:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/20/25 23:46	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-20 (3')
Lab Sample ID: 880-63976-120
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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	121491	10/17/25 16:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121568	10/21/25 00:10	CS	EET MID

Client Sample ID: SW-21 (3')
Lab Sample ID: 880-63976-121
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/19/25 21:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 21:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 00:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 00:14	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 00:52	CS	EET MID

Client Sample ID: SW-22 (3')
Lab Sample ID: 880-63976-122
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/19/25 21:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 21:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 00:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 00:28	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 01:08	CS	EET MID

Client Sample ID: SW-23 (3')
Lab Sample ID: 880-63976-123
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/19/25 22:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 22:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 00:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 00:42	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 01:13	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-24 (3')

Lab Sample ID: 880-63976-124
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/19/25 22:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 22:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 00:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 00:56	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 01:18	CS	EET MID

Client Sample ID: SW-25 (3')

Lab Sample ID: 880-63976-125
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/19/25 22:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 22:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 01:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 01:10	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 01:23	CS	EET MID

Client Sample ID: SW-26 (3')

Lab Sample ID: 880-63976-126
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/19/25 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 23:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 01:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 01:23	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 01:39	CS	EET MID

Client Sample ID: SW-27 (3')

Lab Sample ID: 880-63976-127
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/19/25 23:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 23:36	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-27 (3')
Lab Sample ID: 880-63976-127

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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			121560	10/21/25 01:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 01:38	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 01:44	CS	EET MID

Client Sample ID: SW-28 (3')
Lab Sample ID: 880-63976-128

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/19/25 23:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/19/25 23:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 01:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 01:52	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 01:50	CS	EET MID

Client Sample ID: SW-29 (3')
Lab Sample ID: 880-63976-129

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 00:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 00:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 02:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 02:06	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 01:55	CS	EET MID

Client Sample ID: SW-30 (3')
Lab Sample ID: 880-63976-130

Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 00:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 00:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 02:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121544	10/20/25 12:33	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121538	10/21/25 02:21	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-30 (3')
Lab Sample ID: 880-63976-130
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 02:00	CS	EET MID

Client Sample ID: SW-31 (3')
Lab Sample ID: 880-63976-131
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 02:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 02:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 00:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 00:15	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 02:05	CS	EET MID

Client Sample ID: SW-32 (3')
Lab Sample ID: 880-63976-132
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 02:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 02:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 01:01	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 02:21	CS	EET MID

Client Sample ID: SW-33 (3')
Lab Sample ID: 880-63976-133
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 02:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 02:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 01:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 01:16	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 02:26	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-34 (3')
Lab Sample ID: 880-63976-134
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 03:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 03:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 01:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 01:32	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 02:42	CS	EET MID

Client Sample ID: SW-35 (3')
Lab Sample ID: 880-63976-135
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 03:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 03:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 01:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 01:47	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 02:47	CS	EET MID

Client Sample ID: SW-36 (3')
Lab Sample ID: 880-63976-136
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 03:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 03:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 02:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 02:02	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 02:53	CS	EET MID

Client Sample ID: SW-37 (3')
Lab Sample ID: 880-63976-137
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121479	10/17/25 15:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121499	10/20/25 04:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 04:12	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-37 (3')

Lab Sample ID: 880-63976-137
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			121560	10/22/25 02:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 02:18	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 02:58	CS	EET MID

Client Sample ID: SW-38 (3')

Lab Sample ID: 880-63976-138
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121502	10/19/25 19:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121506	10/20/25 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 13:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 02:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 02:33	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 03:03	CS	EET MID

Client Sample ID: SW-39 (3')

Lab Sample ID: 880-63976-139
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121502	10/19/25 19:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121506	10/20/25 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 13:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 02:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 02:48	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 03:08	CS	EET MID

Client Sample ID: SW-40 (3')

Lab Sample ID: 880-63976-140
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121502	10/19/25 19:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121506	10/20/25 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 14:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 03:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 03:03	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-40 (3')

Lab Sample ID: 880-63976-140
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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	121492	10/17/25 16:34	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121570	10/21/25 03:14	CS	EET MID

Client Sample ID: SW-41 (3')

Lab Sample ID: 880-63976-141
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 11:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 03:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 03:34	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 00:50	CS	EET MID

Client Sample ID: SW-42 (3')

Lab Sample ID: 880-63976-142
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 12:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 12:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 03:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 03:48	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 01:07	CS	EET MID

Client Sample ID: SW-43 (2')

Lab Sample ID: 880-63976-143
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 12:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 04:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 04:03	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 01:13	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-44 (4')
Lab Sample ID: 880-63976-144
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 12:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 04:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 04:19	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 01:19	CS	EET MID

Client Sample ID: SW-45 (2')
Lab Sample ID: 880-63976-145
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 13:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 13:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 04:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 04:35	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 01:25	CS	EET MID

Client Sample ID: SW-46 (2')
Lab Sample ID: 880-63976-146
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 13:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 13:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 04:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 04:50	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 01:43	CS	EET MID

Client Sample ID: SW-47 (2')
Lab Sample ID: 880-63976-147
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 13:46	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-47 (2')
Lab Sample ID: 880-63976-147
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

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			121560	10/22/25 05:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 05:05	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 01:49	CS	EET MID

Client Sample ID: SW-48 (2')
Lab Sample ID: 880-63976-148
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 14:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 05:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 05:21	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 01:54	CS	EET MID

Client Sample ID: SW-49 (2')
Lab Sample ID: 880-63976-149
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 14:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 14:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 05:36	SA	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 05:36	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 02:00	CS	EET MID

Client Sample ID: SW-50 (2')
Lab Sample ID: 880-63976-150
Date Collected: 10/14/25 00:00
Matrix: Solid
Date Received: 10/17/25 15:27

Prep 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	121480	10/17/25 15:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121505	10/20/25 14:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 14:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/22/25 05:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121546	10/20/25 12:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121731	10/22/25 05:51	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-50 (2')

Lab Sample ID: 880-63976-150
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 02:06	CS	EET MID

Client Sample ID: SW-51 (2')

Lab Sample ID: 880-63976-151
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 12:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 12:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 20:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 20:18	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 02:12	CS	EET MID

Client Sample ID: SW-52 (2')

Lab Sample ID: 880-63976-152
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 13:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 13:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 21:02	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 02:30	CS	EET MID

Client Sample ID: SW-53 (6')

Lab Sample ID: 880-63976-153
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 13:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 13:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 21:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 21:15	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 02:35	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-54 (6')

Lab Sample ID: 880-63976-154
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 13:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 21:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 21:30	FC	EET MID
Soluble	Leach	DI Leach			4.999 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 02:53	CS	EET MID

Client Sample ID: SW-55 (6')

Lab Sample ID: 880-63976-155
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 14:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 14:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 21:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 21:44	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 02:59	CS	EET MID

Client Sample ID: SW-56 (6')

Lab Sample ID: 880-63976-156
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 14:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 14:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 21:58	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 21:58	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 03:05	CS	EET MID

Client Sample ID: SW-57 (6')

Lab Sample ID: 880-63976-157
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 17:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 17:31	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-57 (6')

Lab Sample ID: 880-63976-157
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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			121560	10/21/25 22:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 22:12	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 03:11	CS	EET MID

Client Sample ID: SW-58 (4')

Lab Sample ID: 880-63976-158
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 17:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 17:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 22:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 22:26	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 03:17	CS	EET MID

Client Sample ID: SW-59 (6')

Lab Sample ID: 880-63976-159
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 18:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 22:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 22:41	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 03:22	CS	EET MID

Client Sample ID: SW-60 (6')

Lab Sample ID: 880-63976-160
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121617	10/21/25 08:20	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121619	10/21/25 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/21/25 18:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 22:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 22:54	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Client Sample ID: SW-60 (6')

Lab Sample ID: 880-63976-160
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

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	121493	10/17/25 16:36	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	121569	10/21/25 03:28	CS	EET MID

Client Sample ID: SW-61 (6')

Lab Sample ID: 880-63976-161
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121502	10/19/25 19:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121506	10/20/25 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 14:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 23:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 23:23	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	121514	10/20/25 08:44	CS	EET MID
Soluble	Analysis	300.0		1			121623	10/21/25 04:22	CS	EET MID

Client Sample ID: SW-62 (6')

Lab Sample ID: 880-63976-162
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121502	10/19/25 19:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121506	10/20/25 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 14:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 23:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 23:38	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121514	10/20/25 08:44	CS	EET MID
Soluble	Analysis	300.0		1			121623	10/21/25 04:27	CS	EET MID

Client Sample ID: SW-63 (6')

Lab Sample ID: 880-63976-163
Matrix: Solid
Date Collected: 10/14/25 00:00
Date Received: 10/17/25 15:27

Prep 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	121502	10/19/25 19:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121506	10/20/25 16:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121572	10/20/25 16:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121560	10/21/25 23:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	121556	10/20/25 14:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121687	10/21/25 23:51	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121514	10/20/25 08:44	CS	EET MID
Soluble	Analysis	300.0		1			121623	10/21/25 04:43	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
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 Paduca Booster

Job ID: 880-63976-1
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	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
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 Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63976-1	CS 1 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-2	CS 2 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-3	CS 3 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-4	CS 4 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-5	CS 5 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-6	CS 6 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-7	CS 7 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-8	CS 8 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-9	CS 9 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-10	CS 10 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-11	CS 11 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-12	CS 12 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-13	CS 13 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-14	CS 14 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-15	CS 15 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-16	CS 16 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-17	CS 17 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-18	CS 18 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-19	CS 19 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-20	CS 20 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-21	CS 21 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-22	CS 22 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-23	CS 23 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-24	CS 24 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-25	CS 25 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-26	CS 26 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-27	CS 27 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-28	CS 28 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-29	CS 29 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-30	CS 30 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-31	CS 31 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-32	CS 32 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-33	CS 33 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-34	CS 34 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-35	CS 35 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-36	CS 36 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-37	CS 37 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-38	CS 38 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-39	CS 39 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-40	CS 40 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-41	CS 41 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-42	CS 42 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-43	CS 43 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-44	CS 44 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-45	CS 45 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-46	CS 46 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-47	CS 47 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-48	CS 48 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-49	CS 49 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-50	CS 50 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-51	CS 51 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-52	CS 52 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-53	CS 53 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico

Sample Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63976-54	CS 54 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-55	CS 55 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-56	CS 56 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-57	CS 57 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-58	CS 58 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-59	CS 59 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-60	CS 60 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-61	CS 61 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-62	CS 62 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-63	CS 63 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-64	CS 64 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-65	CS 65 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-66	CS-66 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-67	CS 67 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-68	CS 68 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-69	CS 69 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-70	CS-70 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-71	CS-71 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-72	CS-72 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-73	CS-73 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-74	CS-74 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-75	CS-75 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-76	CS-76 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-77	CS-77 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-78	CS-78 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-79	CS-79 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-80	CS-80 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-81	CS-81 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-82	CS-82 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-83	CS-83 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-84	CS-84 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-85	CS-85 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-86	CS-86 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-87	CS-87 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-88	CS-88 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-89	CS-89 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-90	CS-90 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-91	CS-91 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-92	CS-92 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-93	CS-93 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-94	CS-94 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-95	CS-95 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-96	CS-96 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-97	CS-97 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-98	CS-98 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-99	CS-99 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-100	CS-100 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-101	SW-1 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-102	SW-2 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-103	SW-3 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-104	SW-4 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-105	SW-5 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-106	SW-6 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico

Sample Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63976-107	SW-7 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-108	SW-8 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-109	SW-9 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-110	SW-10 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-111	SW-11 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-112	SW-12 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-113	SW-13 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-114	SW-14 (5')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-115	SW-15 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-116	SW-16 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-117	SW-17 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-118	SW-18 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-119	SW-19 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-120	SW-20 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-121	SW-21 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-122	SW-22 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-123	SW-23 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-124	SW-24 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-125	SW-25 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-126	SW-26 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-127	SW-27 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-128	SW-28 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-129	SW-29 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-130	SW-30 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-131	SW-31 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-132	SW-32 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-133	SW-33 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-134	SW-34 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-135	SW-35 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-136	SW-36 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-137	SW-37 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-138	SW-38 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-139	SW-39 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-140	SW-40 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-141	SW-41 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-142	SW-42 (3')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-143	SW-43 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-144	SW-44 (4')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-145	SW-45 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-146	SW-46 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-147	SW-47 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-148	SW-48 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-149	SW-49 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-150	SW-50 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-151	SW-51 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-152	SW-52 (2')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-153	SW-53 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-154	SW-54 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-155	SW-55 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-156	SW-56 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-157	SW-57 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-158	SW-58 (4')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-159	SW-59 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico

Sample Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-63976-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63976-160	SW-60 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-161	SW-61 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-162	SW-62 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico
880-63976-163	SW-63 (6')	Solid	10/14/25 00:00	10/17/25 15:27	New Mexico

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Chain of Custody

880-63976 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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	T-8	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.5	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.5	
Total Containers:		Corrected Temperature:	-0.5	

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-1 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-2 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-3 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-4 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-5 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-6 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-7 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-8 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-9 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-10 (3')	10/14/2025		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: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

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	10/17/25		10/17/25 1500

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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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
CS-11 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-12 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-13 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-14 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-15 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-16 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-17 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-18 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-19 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-20 (5')	10/14/2025		X		Comp	1		X	X	X	

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

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Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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:		

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 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-22 (5')	10/14/2025		X		Comp	1		X	X	X	
CS-23 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-24 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-25 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-26 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-27 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-28 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-29 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-30 (3')	10/14/2025		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_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: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
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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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
CS-31 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-32 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-33 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-34 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-35 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-36 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-37 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-38 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-39 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-40 (3')	10/14/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
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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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
CS-41 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-42 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-43 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-44 (3')	10/14/2025		X		Comp	1		X	X	X	
CS-45 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-46 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-47 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-48 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-49 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-50 (2')	10/14/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/17/25		10/17/25 1509

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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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
CS-51 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-52 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-53 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-54 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-55 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-56 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-57 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-58 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-59 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-60 (2')	10/14/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Rebecca	10/17/25		10/17/25 509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
CS-61 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-62 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-63 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-64 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-65 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-66 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-67 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-68 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-69 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-70 (2')	10/14/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
DCB	10/17/25		10/17/25 1509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
CS-71 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-72 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-73 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-74 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-75 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-76 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-77 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-78 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-79 (2')	10/14/2025		X		Comp	1		X	X	X	
CS-80 (2')	10/14/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/17/25		10/17/25 1509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-81 (2')	10/14/2025		X		Comp	1	X	X	X	
CS-82 (2')	10/14/2025		X		Comp	1	X	X	X	
CS-83 (2')	10/14/2025		X		Comp	1	X	X	X	
CS-84 (6')	10/17/2025		X		Comp	1	X	X	X	
CS-85 (6')	10/17/2025		X		Comp	1	X	X	X	
CS-86 (6')	10/17/2025		X		Comp	1	X	X	X	
CS-87 (6')	10/17/2025		X		Comp	1	X	X	X	
CS-88 (6')	10/17/2025		X		Comp	1	X	X	X	
CS-89 (6')	10/17/2025		X		Comp	1	X	X	X	
CS-90 (6')	10/17/2025		X		Comp	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/17/25		10/17/25 1509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
CS-91 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-92 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-93 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-94 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-95 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-96 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-97 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-98 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-99 (6')	10/17/2025		X		Comp	1		X	X	X	
CS-100 (6')	10/17/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/17/25		10/17/25 1509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
SW-1 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-2 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-3 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-4 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-5 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-6 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-7 (5')	10/14/2025		X		Comp	1		X	X	X	
SW-8 (5')	10/14/2025		X		Comp	1		X	X	X	
SW-9 (5')	10/14/2025		X		Comp	1		X	X	X	
SW-10 (5')	10/14/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
RLB	10/17/25		10/17/25 1509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
SW-11 (5')	10/14/2025		X		Comp	1		X	X	X	
SW-12 (5')	10/14/2025		X		Comp	1		X	X	X	
SW-13 (5')	10/14/2025		X		Comp	1		X	X	X	
SW-14 (5')	10/14/2025		X		Comp	1		X	X	X	
SW-15 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-16 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-17 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-18 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-19 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-20 (3')	10/14/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
RCB	10/17/25		10/17/25 1309

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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
SW-21 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-22 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-23 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-24 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-25 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-26 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-27 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-28 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-29 (3')	10/14/2025		X		Comp	1		X	X	X	
SW-30 (3')	10/14/2025		X		Comp	1		X	X	X	

Parameters

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/17/25		10/17/25 1309

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-31 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-32 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-33 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-34 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-35 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-36 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-37 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-38 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-39 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-40 (3')	10/14/2025		X		Comp	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/17/25		10/17/25 1509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-41 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-42 (3')	10/14/2025		X		Comp	1	X	X	X	
SW-43 (2')	10/14/2025		X		Comp	1	X	X	X	
SW-44 (4')	10/14/2025		X		Comp	1	X	X	X	
SW-45 (2')	10/14/2025		X		Comp	1	X	X	X	
SW-46 (2')	10/14/2025		X		Comp	1	X	X	X	
SW-47 (2')	10/14/2025		X		Comp	1	X	X	X	
SW-48 (2')	10/14/2025		X		Comp	1	X	X	X	
SW-49 (2')	10/14/2025		X		Comp	1	X	X	X	
SW-50 (2')	10/14/2025		X		Comp	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/13/25		10/13/25 1509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-51 (2')	10/14/2025		X		Comp	1	X	X	X	
SW-52 (2')	10/14/2025		X		Comp	1	X	X	X	
SW-53 (6')	10/17/2025		X		Comp	1	X	X	X	
SW-54 (6')	10/17/2025		X		Comp	1	X	X	X	
SW-55 (6')	10/17/2025		X		Comp	1	X	X	X	
SW-56 (6')	10/17/2025		X		Comp	1	X	X	X	
SW-57 (6')	10/17/2025		X		Comp	1	X	X	X	
SW-58 (4')	10/17/2025		X		Comp	1	X	X	X	
SW-59 (6')	10/17/2025		X		Comp	1	X	X	X	
SW-60 (6')	10/17/2025		X		Comp	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/17/25		10/17/25 1509

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

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:	mcarmona@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:	NGL Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	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	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-61 (6')	10/17/2025		X		Comp	1	X	X	X	
SW-62 (6')	10/17/2025		X		Comp	1	X	X	X	
SW-63 (6')	10/17/2025		X		Comp	1	X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
REB	10/17/25		10/17/25 1509

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-63976-1
SDG Number: Lea County, New Mexico

Login Number: 63976
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: Mike Carmona
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 10/31/2025 3:23:24 PM

JOB DESCRIPTION

NGL Paduca Booster
2689

JOB NUMBER

880-64413-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 12/15/2025 3:31:36 PM

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
10/31/2025 3:23:24 PM

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

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Laboratory Job ID: 880-64413-1
SDG: 2689

Table of Contents

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Definitions/Glossary

Client: Carmona Resources Job ID: 880-64413-1
Project/Site: NGL Paduca Booster SDG: 2689

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-64413-1

Job ID: 880-64413-1 Eurofins Midland

Job Narrative
880-64413-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 10/30/2025 3:09 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 -5.0°C.

GC VOA
Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-122492 and analytical batch 880-122401 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-41 (3.25') (880-64413-1) and CS-91 (6.25') (880-64413-2). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-122435 and 880-122492 and analytical batch 880-122401 was outside the upper control limits.

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

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-122510 and analytical batch 880-122529 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 Paduca Booster

Job ID: 880-64413-1
SDG: 2689

Client Sample ID: CS-41 (3.25')

Lab Sample ID: 880-64413-1

Date Collected: 10/29/25 00:00
Matrix: Solid
Date Received: 10/30/25 15:09

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		10/30/25 17:00	10/31/25 01:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/30/25 17:00	10/31/25 01:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/30/25 17:00	10/31/25 01:42	1
m,p-Xylenes	**0.00445**		0.00398		mg/Kg		10/30/25 17:00	10/31/25 01:42	1
o-Xylene	**0.00231**		0.00199		mg/Kg		10/30/25 17:00	10/31/25 01:42	1
Xylenes, Total	**0.00676**		0.00398		mg/Kg		10/30/25 17:00	10/31/25 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*466*	*S1+*	*70 - 130*	*10/30/25 17:00*	*10/31/25 01:42*	*1*
1,4-Difluorobenzene (Surr)	*175*	*S1+*	*70 - 130*	*10/30/25 17:00*	*10/31/25 01:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00676**		0.00398		mg/Kg			10/31/25 01:42	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			10/31/25 12:58	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		10/30/25 16:15	10/31/25 12:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/30/25 16:15	10/31/25 12:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/30/25 16:15	10/31/25 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*10/30/25 16:15*	*10/31/25 12:58*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*10/30/25 16:15*	*10/31/25 12:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.4**		10.1		mg/Kg			10/31/25 09:45	1

Client Sample ID: CS-91 (6.25')

Lab Sample ID: 880-64413-2

Date Collected: 10/29/25 00:00
Matrix: Solid
Date Received: 10/30/25 15:09

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		10/30/25 17:00	10/31/25 02:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/30/25 17:00	10/31/25 02:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/30/25 17:00	10/31/25 02:02	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		10/30/25 17:00	10/31/25 02:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/30/25 17:00	10/31/25 02:02	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/30/25 17:00	10/31/25 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*10/30/25 17:00*	*10/31/25 02:02*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*10/30/25 17:00*	*10/31/25 02:02*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

Client Sample ID: CS-91 (6.25')

Date Collected: 10/29/25 00:00
Date Received: 10/30/25 15:09

Lab Sample ID: 880-64413-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/31/25 02:02	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			10/31/25 13:44	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		10/30/25 16:15	10/31/25 13:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/30/25 16:15	10/31/25 13:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/30/25 16:15	10/31/25 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*10/30/25 16:15*	*10/31/25 13:44*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*10/30/25 16:15*	*10/31/25 13:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.3**		10.0		mg/Kg			10/31/25 09:50	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

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)
880-64397-A-1-D MS	Matrix Spike	112	109
880-64397-A-1-E MSD	Matrix Spike Duplicate	108	107
880-64413-1	CS-41 (3.25')	466 S1+	175 S1+
880-64413-2	CS-91 (6.25')	136 S1+	118
LCS 880-122492/1-A	Lab Control Sample	100	104
LCSD 880-122492/2-A	Lab Control Sample Dup	105	105
MB 880-122435/5-A	Method Blank	269 S1+	158 S1+
MB 880-122492/5-A	Method Blank	300 S1+	170 S1+

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-64413-1	CS-41 (3.25')	80	83
880-64413-1 MS	CS-41 (3.25')	77	87
880-64413-1 MSD	CS-41 (3.25')	77	87
880-64413-2	CS-91 (6.25')	79	79
LCS 880-122494/2-A	Lab Control Sample	88	101
LCSD 880-122494/3-A	Lab Control Sample Dup	88	101
MB 880-122494/1-A	Method Blank	71	76

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-122435/5-A
Matrix: Solid
Analysis Batch: 122401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/30/25 10:19	10/30/25 11:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/30/25 10:19	10/30/25 11:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/30/25 10:19	10/30/25 11:13	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/30/25 10:19	10/30/25 11:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/30/25 10:19	10/30/25 11:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/30/25 10:19	10/30/25 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*269*	*S1+*	*70 - 130*	*10/30/25 10:19*	*10/30/25 11:13*	*1*
1,4-Difluorobenzene (Surr)	*158*	*S1+*	*70 - 130*	*10/30/25 10:19*	*10/30/25 11:13*	*1*

Lab Sample ID: MB 880-122492/5-A
Matrix: Solid
Analysis Batch: 122401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122492

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/30/25 15:56	10/30/25 22:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/30/25 15:56	10/30/25 22:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/30/25 15:56	10/30/25 22:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/30/25 15:56	10/30/25 22:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/30/25 15:56	10/30/25 22:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/30/25 15:56	10/30/25 22:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*300*	*S1+*	*70 - 130*	*10/30/25 15:56*	*10/30/25 22:50*	*1*
1,4-Difluorobenzene (Surr)	*170*	*S1+*	*70 - 130*	*10/30/25 15:56*	*10/30/25 22:50*	*1*

Lab Sample ID: LCS 880-122492/1-A
Matrix: Solid
Analysis Batch: 122401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 122492

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08590		mg/Kg		86	70 - 130		
Toluene			0.100	0.07801		mg/Kg		78	70 - 130		
Ethylbenzene			0.100	0.08322		mg/Kg		83	70 - 130		
m,p-Xylenes			0.200	0.1633		mg/Kg		82	70 - 130		
o-Xylene			0.100	0.08445		mg/Kg		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-122492/2-A
Matrix: Solid
Analysis Batch: 122401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 122492

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09356		mg/Kg		94	70 - 130	9	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

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

Lab Sample ID: LCSD 880-122492/2-A
Matrix: Solid
Analysis Batch: 122401

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 122492

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.07850		mg/Kg		78	70 - 130	1	35
Ethylbenzene			0.100	0.09430		mg/Kg		94	70 - 130	12	35
m,p-Xylenes			0.200	0.1631		mg/Kg		82	70 - 130	0	35
o-Xylene			0.100	0.09281		mg/Kg		93	70 - 130	9	35

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

Lab Sample ID: 880-64397-A-1-D MS
Matrix: Solid
Analysis Batch: 122401

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 122492

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09001		mg/Kg		90	70 - 130
Toluene	<0.00200	U F1	0.100	0.07895		mg/Kg		79	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.07820		mg/Kg		78	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1694		mg/Kg		85	70 - 130
o-Xylene	<0.00200	U	0.100	0.08600		mg/Kg		86	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-64397-A-1-E MSD
Matrix: Solid
Analysis Batch: 122401

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 122492

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	0.08421		mg/Kg		84	70 - 130	7	35
Toluene	<0.00200	U F1	0.100	0.06939	F1	mg/Kg		69	70 - 130	13	35
Ethylbenzene	<0.00200	U F1	0.100	0.06574	F1	mg/Kg		66	70 - 130	17	35
m,p-Xylenes	<0.00400	U	0.200	0.1498		mg/Kg		75	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.08118		mg/Kg		81	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 880-122494/1-A
Matrix: Solid
Analysis Batch: 122550

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 122494

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		10/30/25 16:15	10/31/25 08:09	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

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

Lab Sample ID: MB 880-122494/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 122550 — **Prep Batch: 122494**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/30/25 16:15	10/31/25 08:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/30/25 16:15	10/31/25 08:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*10/30/25 16:15*	*10/31/25 08:09*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*10/30/25 16:15*	*10/31/25 08:09*	*1*

Lab Sample ID: LCS 880-122494/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 122550 — **Prep Batch: 122494**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1185		mg/Kg		119	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1060		mg/Kg		106	70 - 130		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)			*88*		*70 - 130*
o-Terphenyl (Surr)			*101*		*70 - 130*

Lab Sample ID: LCSD 880-122494/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 122550 — **Prep Batch: 122494**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1184		mg/Kg		118	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1061		mg/Kg		106	70 - 130	0	20

Surrogate			*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)			*88*		*70 - 130*
o-Terphenyl (Surr)			*101*		*70 - 130*

Lab Sample ID: 880-64413-1 MS — **Client Sample ID: CS-41 (3.25')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 122550 — **Prep Batch: 122494**

Surrogate			*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)			*77*		*70 - 130*
o-Terphenyl (Surr)			*87*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

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

Lab Sample ID: 880-64413-1 MSD
Matrix: Solid
Analysis Batch: 122550

Client Sample ID: CS-41 (3.25')
Prep Type: Total/NA
Prep Batch: 122494

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	1154		mg/Kg			-		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1123		mg/Kg			-		

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*77*		*70 - 130*
o-Terphenyl (Surr)	*87*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-122510/1-A
Matrix: Solid
Analysis Batch: 122529

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			10/31/25 08:52	1

Lab Sample ID: LCS 880-122510/2-A
Matrix: Solid
Analysis Batch: 122529

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	229.2		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-122510/3-A
Matrix: Solid
Analysis Batch: 122529

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	228.7		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-64207-A-3-B MS
Matrix: Solid
Analysis Batch: 122529

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	91.4	F1	253	307.4	F1	mg/Kg		86	90 - 110

Lab Sample ID: 880-64207-A-3-C MSD
Matrix: Solid
Analysis Batch: 122529

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	91.4	F1	253	309.8	F1	mg/Kg		87	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

GC VOA

Analysis Batch: 122401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64413-1	CS-41 (3.25')	Total/NA	Solid	8021B	122492
880-64413-2	CS-91 (6.25')	Total/NA	Solid	8021B	122492
MB 880-122435/5-A	Method Blank	Total/NA	Solid	8021B	122435
MB 880-122492/5-A	Method Blank	Total/NA	Solid	8021B	122492
LCS 880-122492/1-A	Lab Control Sample	Total/NA	Solid	8021B	122492
LCSD 880-122492/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	122492
880-64397-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	122492
880-64397-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	122492

Prep Batch: 122435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-122435/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 122492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64413-1	CS-41 (3.25')	Total/NA	Solid	5035	
880-64413-2	CS-91 (6.25')	Total/NA	Solid	5035	
MB 880-122492/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-122492/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-122492/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64397-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-64397-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 122594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64413-1	CS-41 (3.25')	Total/NA	Solid	Total BTEX	
880-64413-2	CS-91 (6.25')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 122494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64413-1	CS-41 (3.25')	Total/NA	Solid	8015NM Prep	
880-64413-2	CS-91 (6.25')	Total/NA	Solid	8015NM Prep	
MB 880-122494/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-122494/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-122494/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-64413-1 MS	CS-41 (3.25')	Total/NA	Solid	8015NM Prep	
880-64413-1 MSD	CS-41 (3.25')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 122550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64413-1	CS-41 (3.25')	Total/NA	Solid	8015B NM	122494
880-64413-2	CS-91 (6.25')	Total/NA	Solid	8015B NM	122494
MB 880-122494/1-A	Method Blank	Total/NA	Solid	8015B NM	122494
LCS 880-122494/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	122494
LCSD 880-122494/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	122494
880-64413-1 MS	CS-41 (3.25')	Total/NA	Solid	8015B NM	122494
880-64413-1 MSD	CS-41 (3.25')	Total/NA	Solid	8015B NM	122494

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

GC Semi VOA

Analysis Batch: 122582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64413-1	CS-41 (3.25')	Total/NA	Solid	8015 NM	
880-64413-2	CS-91 (6.25')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 122510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64413-1	CS-41 (3.25')	Soluble	Solid	DI Leach	
880-64413-2	CS-91 (6.25')	Soluble	Solid	DI Leach	
MB 880-122510/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-122510/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-122510/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-64207-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-64207-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 122529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64413-1	CS-41 (3.25')	Soluble	Solid	300.0	122510
880-64413-2	CS-91 (6.25')	Soluble	Solid	300.0	122510
MB 880-122510/1-A	Method Blank	Soluble	Solid	300.0	122510
LCS 880-122510/2-A	Lab Control Sample	Soluble	Solid	300.0	122510
LCSD 880-122510/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	122510
880-64207-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	122510
880-64207-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	122510

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

Client Sample ID: CS-41 (3.25')

Lab Sample ID: 880-64413-1
Matrix: Solid
Date Collected: 10/29/25 00:00
Date Received: 10/30/25 15:09

Prep 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	122492	10/30/25 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	122401	10/31/25 01:42	EL	EET MID
Total/NA	Analysis	Total BTEX		1			122594	10/31/25 01:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			122582	10/31/25 12:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	122494	10/30/25 16:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	122550	10/31/25 12:58	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	122510	10/31/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			122529	10/31/25 09:45	CS	EET MID

Client Sample ID: CS-91 (6.25')

Lab Sample ID: 880-64413-2
Matrix: Solid
Date Collected: 10/29/25 00:00
Date Received: 10/30/25 15:09

Prep 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	122492	10/30/25 17:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	122401	10/31/25 02:02	EL	EET MID
Total/NA	Analysis	Total BTEX		1			122594	10/31/25 02:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			122582	10/31/25 13:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	122494	10/30/25 16:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	122550	10/31/25 13:44	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	122510	10/31/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			122529	10/31/25 09:50	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64413-1
SDG: 2689

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 Paduca Booster

Job ID: 880-64413-1
SDG: 2689

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-64413-1	CS-41 (3.25')	Solid	10/29/25 00:00	10/30/25 15:09	New Mexico
880-64413-2	CS-91 (6.25')	Solid	10/29/25 00:00	10/30/25 15:09	New Mexico

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

Chain of Custody

880-64413 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:	mcarmona@carmonaresources.com

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 Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	24 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT

Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR-8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.9
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.9
Total Containers:		Corrected Temperature:	-5.0

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
CS-41 (3.25')	10/29/2025		X		Comp	1		X	X	X	
CS-91 (6.25')	10/29/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/30/25		10/30/25 1509

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-64413-1
SDG Number: 2689

Login Number: 64413
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 11/12/2025 3:53:05 PM

JOB DESCRIPTION

NGL Paduca Booster
Lea County, New Mexico

JOB NUMBER

880-64824-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 12/15/2025 3:51:36 PM

my EOL

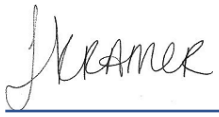
Eurofins Midland

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 Paduca Booster

Laboratory Job ID: 880-64824-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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 Paduca Booster

Job ID: 880-64824-1

Job ID: 880-64824-1 Eurofins Midland

Job Narrative
880-64824-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 11/11/2025 4:30 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 -3.9°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-123742 and analytical batch 880-123635 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-123693/2-A) and (LCSD 880-123693/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-64764-A-1-C MS) and (880-64764-A-1-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-123693 and analytical batch 880-123762. The associated laboratory control sample (LCS) met acceptance criteria.

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 880-123772 and analytical batch 880-123793 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 Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

Client Sample ID: Backfill

Date Collected: 10/31/25 00:00
Date Received: 11/11/25 16:30

Lab Sample ID: 880-64824-1

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		11/12/25 08:25	11/12/25 11:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/12/25 08:25	11/12/25 11:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/12/25 08:25	11/12/25 11:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/12/25 08:25	11/12/25 11:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/12/25 08:25	11/12/25 11:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/12/25 08:25	11/12/25 11:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*11/12/25 08:25*	*11/12/25 11:00*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/12/25 08:25*	*11/12/25 11:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/12/25 11:00	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			11/12/25 14:16	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		11/11/25 11:22	11/12/25 14:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/11/25 11:22	11/12/25 14:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/25 11:22	11/12/25 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*128*		*70 - 130*	*11/11/25 11:22*	*11/12/25 14:16*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*11/11/25 11:22*	*11/12/25 14:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.5**	**F1**	10.1		mg/Kg			11/12/25 10:15	1

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
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)										
880-64822-A-4-E MS	Matrix Spike	104	103										
880-64822-A-4-F MSD	Matrix Spike Duplicate	105	92										
880-64824-1	Backfill	96	89										
LCS 880-123742/1-A	Lab Control Sample	103	102										
LCSD 880-123742/2-A	Lab Control Sample Dup	102	104										
MB 880-123548/5-A	Method Blank	103	92										
MB 880-123742/5-A	Method Blank	103	91										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-64764-A-1-C MS	Matrix Spike	67 S1-	60 S1-										
880-64764-A-1-D MSD	Matrix Spike Duplicate	66 S1-	60 S1-										
880-64824-1	Backfill	128	117										
LCS 880-123693/2-A	Lab Control Sample	131 S1+	110										
LCSD 880-123693/3-A	Lab Control Sample Dup	131 S1+	113										
MB 880-123693/1-A	Method Blank	108	104										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-123548/5-A
Matrix: Solid
Analysis Batch: 123635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/10/25 14:43	11/11/25 21:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/10/25 14:43	11/11/25 21:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/10/25 14:43	11/11/25 21:59	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/10/25 14:43	11/11/25 21:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/10/25 14:43	11/11/25 21:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/10/25 14:43	11/11/25 21:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/10/25 14:43*	*11/11/25 21:59*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/10/25 14:43*	*11/11/25 21:59*	*1*

Lab Sample ID: MB 880-123742/5-A
Matrix: Solid
Analysis Batch: 123635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/11/25 18:28	11/12/25 08:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/11/25 18:28	11/12/25 08:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/11/25 18:28	11/12/25 08:56	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/11/25 18:28	11/12/25 08:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/11/25 18:28	11/12/25 08:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/11/25 18:28	11/12/25 08:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/11/25 18:28*	*11/12/25 08:56*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/11/25 18:28*	*11/12/25 08:56*	*1*

Lab Sample ID: LCS 880-123742/1-A
Matrix: Solid
Analysis Batch: 123635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08327		mg/Kg		83	70 - 130
Toluene	0.100	0.07989		mg/Kg		80	70 - 130
Ethylbenzene	0.100	0.08423		mg/Kg		84	70 - 130
m,p-Xylenes	0.200	0.1705		mg/Kg		85	70 - 130
o-Xylene	0.100	0.08537		mg/Kg		85	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-123742/2-A
Matrix: Solid
Analysis Batch: 123635

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123742

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09312		mg/Kg		93	70 - 130	11	35

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-123742/2-A
Matrix: Solid
Analysis Batch: 123635

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123742

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08790		mg/Kg		88	70 - 130	10	35
Ethylbenzene			0.100	0.09235		mg/Kg		92	70 - 130	9	35
m,p-Xylenes			0.200	0.1854		mg/Kg		93	70 - 130	8	35
o-Xylene			0.100	0.09249		mg/Kg		92	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-64822-A-4-E MS
Matrix: Solid
Analysis Batch: 123635

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 123742

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.09309		mg/Kg		93	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.08647		mg/Kg		86	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.08808		mg/Kg		88	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1790		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.08664		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-64822-A-4-F MSD
Matrix: Solid
Analysis Batch: 123635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 123742

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	0.05516	F1 F2	mg/Kg		55	70 - 130	51	35
Toluene	<0.00200	U F1 F2	0.100	0.05534	F1 F2	mg/Kg		55	70 - 130	44	35
Ethylbenzene	<0.00200	U F1	0.100	0.06402	F1	mg/Kg		64	70 - 130	32	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1272	F1	mg/Kg		64	70 - 130	34	35
o-Xylene	<0.00200	U F1	0.100	0.06197	F1	mg/Kg		62	70 - 130	33	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

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

Lab Sample ID: MB 880-123693/1-A
Matrix: Solid
Analysis Batch: 123762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123693

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		11/11/25 11:22	11/12/25 08:34	1

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-123693/1-A
Matrix: Solid
Analysis Batch: 123762

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 123693

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/11/25 11:22	11/12/25 08:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/11/25 11:22	11/12/25 08:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*11/11/25 11:22*	*11/12/25 08:34*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*11/11/25 11:22*	*11/12/25 08:34*	*1*

Lab Sample ID: LCS 880-123693/2-A
Matrix: Solid
Analysis Batch: 123762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 123693

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	798.5		mg/Kg		80	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	955.9		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-123693/3-A
Matrix: Solid
Analysis Batch: 123762

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 123693

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	795.5		mg/Kg		80	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	988.7		mg/Kg		99	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*131*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*113*		*70 - 130*

Lab Sample ID: 880-64764-A-1-C MS
Matrix: Solid
Analysis Batch: 123762

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 123693

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 F1	1000	76.36	F1	mg/Kg		6	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	1000	96.64	F1	mg/Kg		8	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*60*	*S1-*	*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-64764-A-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 123762 — **Prep Batch: 123693**

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 F1	1000	83.20	F1	mg/Kg		6	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	1000	93.88	F1	mg/Kg		8	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*60*	*S1-*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-123772/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123793

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/12/25 09:57	1

Lab Sample ID: LCS 880-123772/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123793

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	225.8		mg/Kg		90	90 - 110

Lab Sample ID: LCSD 880-123772/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123793

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	229.5		mg/Kg		92	90 - 110	2	20

Lab Sample ID: 880-64824-1 MS — **Client Sample ID: Backfill**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123793

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	23.5	F1	252	248.2	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-64824-1 MSD — **Client Sample ID: Backfill**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 123793

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	23.5	F1	252	246.6	F1	mg/Kg		89	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 123548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123548/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 123635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64824-1	Backfill	Total/NA	Solid	8021B	123742
MB 880-123548/5-A	Method Blank	Total/NA	Solid	8021B	123548
MB 880-123742/5-A	Method Blank	Total/NA	Solid	8021B	123742
LCS 880-123742/1-A	Lab Control Sample	Total/NA	Solid	8021B	123742
LCSD 880-123742/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123742
880-64822-A-4-E MS	Matrix Spike	Total/NA	Solid	8021B	123742
880-64822-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	123742

Prep Batch: 123742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64824-1	Backfill	Total/NA	Solid	5035	
MB 880-123742/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-123742/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-123742/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64822-A-4-E MS	Matrix Spike	Total/NA	Solid	5035	
880-64822-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 123816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64824-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 123693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64824-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-123693/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123693/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123693/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-64764-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-64764-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 123762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64824-1	Backfill	Total/NA	Solid	8015B NM	123693
MB 880-123693/1-A	Method Blank	Total/NA	Solid	8015B NM	123693
LCS 880-123693/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123693
LCSD 880-123693/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123693
880-64764-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	123693
880-64764-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	123693

Analysis Batch: 123871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64824-1	Backfill	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 123772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64824-1	Backfill	Soluble	Solid	DI Leach	
MB 880-123772/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123772/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123772/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-64824-1 MS	Backfill	Soluble	Solid	DI Leach	
880-64824-1 MSD	Backfill	Soluble	Solid	DI Leach	

Analysis Batch: 123793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64824-1	Backfill	Soluble	Solid	300.0	123772
MB 880-123772/1-A	Method Blank	Soluble	Solid	300.0	123772
LCS 880-123772/2-A	Lab Control Sample	Soluble	Solid	300.0	123772
LCSD 880-123772/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123772
880-64824-1 MS	Backfill	Soluble	Solid	300.0	123772
880-64824-1 MSD	Backfill	Soluble	Solid	300.0	123772

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

Client Sample ID: Backfill

Date Collected: 10/31/25 00:00
Date Received: 11/11/25 16:30

Lab Sample ID: 880-64824-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	123742	11/12/25 08:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123635	11/12/25 11:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123816	11/12/25 11:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			123871	11/12/25 14:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	123693	11/11/25 11:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123762	11/12/25 14:16	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	123772	11/12/25 09:20	SI	EET MID
Soluble	Analysis	300.0		1			123793	11/12/25 10:15	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
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	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-64824-1
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 Paduca Booster

Job ID: 880-64824-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-64824-1	Backfill	Solid	10/31/25 00:00	11/11/25 16:30	New Mexico

Released to Imaging: 12/15/2025 3:51:36 PM
Received by OCD: 12/3/2025 1:34:09 PM

Chain of Custody

880-64824 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:	mcarmona@carmonaresources.com

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 Paduca Booster	Turn Around	
Project Number:	2689	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	24 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	ID 327 IR6
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-3.8
Total Containers:		Corrected Temperature:	-3.7

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
Backfill	10/31/2025		X		Comp	1		X	X	X	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/11/25		11/11/25 16:30

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-64824-1
SDG Number: Lea County, New Mexico

Login Number: 64824
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 - Paduca Booster)

Map Scale: 1:2,130 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 30 60 120 180

Feet
0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Received by OCD: 12/3/2025 1:34:09 PM

Soil Map—Lea County, New Mexico
(NGL - Paduca Booster)

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 22, Sep 9, 2025

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
PT	Pyote loamy fine sand	1.6	78.1%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	0.5	21.9%
Totals for Area of Interest		**2.1**	**100.0%**

Lea County, New Mexico

PT—Pyote loamy fine sand

Map Unit Setting

National map unit symbol: dmqp
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 200 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Pyote and similar soils: 85 percent
Minor components: 15 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 25 inches: loamy fine sand
Bt - 25 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 5.3 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s

Received by OCD: 12/3/2025 1:34:09 PM

Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Maljamar
Percent of map unit: 8 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas
Percent of map unit: 7 percent
Ecological site: R070BD003NM - Loamy Sand
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: 12/15/2025 3:51:36 PM

BLM SERIAL #:

COMPANY REFERENCE:

3.1 Seed Mixture 1, for Loamy 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 regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (small/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
Plains lovegrass (Eragrostis intermedia)	0.5
Sand dropseed (Sporobolus cryptandrus)	1.0
Sideoats grama (Bouteloua curtipendula)	5.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed:

Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed

From: Conner Moehring
To: Wells, Shelly, EMNRD
Cc: Mike Carmona; Ashton Thielke
Subject: [EXTERNAL] RE: nAPP2509039316 and nAPP2510652338 Questions
Date: Monday, December 15, 2025 10:34:43 AM

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

Shelly,
Apologies for the delayed response. I wanted to confirm the details with the field staff before replying.
Confirmation samples CS-41 and CS-91 were excavated and recollected while the excavation was open. The samples were stored in the correct containers but were misplaced in the freezer. When they were later located, the Chain of Custody (COC) was generated with an incorrect date and submitted to the laboratory.
According to the photolog, the excavation was not fully backfilled as of 10/20/25. Backfilling was completed on 10/27/25, and the area was reseeded on 10/28/25.
Please let me know if you need any additional information.

Conner R. Moehring
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-6823
cmoehring@carmonaresources.com
carmonaresources.com

From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Friday, December 12, 2025 12:28 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Conner Moehring <Cmoehring@carmonaresources.com>
Cc: Mike Carmona <Mcarmona@carmonaresources.com>
Subject: Re: nAPP2509039316 and nAPP2510652338 Questions

Good morning Shelly,

I am going to redirect this to Conner as he can better answer your questions pertaining to this report.

Thanks!

Ashton Thielke
Environmental Manager

310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-8988 C: 281-753-5659
ThielkeA@carmonaresources.com

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, December 12, 2025 11:18:37 AM
To: Ashton Thielke <ThielkeA@carmonaresources.com>
Subject: nAPP2509039316 and nAPP2510652338 Questions

Good morning Ashton,

I have been reviewing the reclamation reports submitted for Paduca Booster and have a question for you. According to Table 2, both CS-41 and CS-91 were above reclamation limits when collected on 10/14/25. It says they were overexcavated and recollected on 10/29/25. Photographic documentation shows entire area backfilled on 10/20/25. Explain how these samples were collected. Did any further excavation occur?

Sincerely,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
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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

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 529497
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2509039316**
Incident Name	**NAPP2509039316 PADUCA BOOSTER @ L-03-26S-32E**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Paduca Booster
Date Release Discovered	03/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Injection Header | Produced Water | Released: 450 BBL | Recovered: 400 BBL | Lost: 50 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)

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	Action Number: 529497
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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: Cole Lane Title: VP Operations Email: cole.lane@nglep.com Date: 11/24/2025

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QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 529497
	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 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 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)	5800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
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	09/30/2025
On what date will (or did) the final sampling or liner inspection occur	10/29/2025
On what date will (or was) the remediation complete(d)	10/31/2025
What is the estimated surface area (in square feet) that will be reclaimed	36333
What is the estimated volume (in cubic yards) that will be reclaimed	5073
What is the estimated surface area (in square feet) that will be remediated	40044
What is the estimated volume (in cubic yards) that will be remediated	5485
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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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: Cole Lane Title: VP Operations Email: cole.lane@nglep.com Date: 11/24/2025
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)

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	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: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 529497
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**519876**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**10/29/2025**
What was the (estimated) number of samples that were to be gathered	**2**
What was the sampling surface area in square feet	**800**

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	40044
What was the total volume (cubic yards) remediated	5484
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	36333
What was the total volume (in cubic yards) reclaimed	5073
Summarize any additional remediation activities not included by answers (above)	N/A

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: Cole Lane Title: VP Operations Email: cole.lane@nglep.com Date: 11/24/2025

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QUESTIONS (continued)

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	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	36333
What was the total volume of replacement material (in cubic yards) for this site	5073
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)	10/30/2025
Summarize any additional reclamation activities not included by answers (above)	n/a
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: Cole Lane Title: VP Operations Email: cole.lane@nglep.com Date: 11/24/2025

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QUESTIONS (continued)

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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

Action 529497

CONDITIONS

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	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	12/15/2025