

SITE INFORMATION

Closure Report
Paduca Main
Incident # NAPP2333233247
Lea County, New Mexico
Unit I Sec 22 T25S R32E
32.120278°, -103.670472°

Produced Water Release

Point of Release: Equipment Failure on a Flow Meter Valve

Release Date: 11/24/2023

Volume Released: 250 Barrels of Produced Water Volume Recovered: 220 Barrels of Produced Water

CARMONA RESOURCES

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

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

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



July 9, 2024

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

Re: Closure Report

Paduca Main (11.24.2023)

NGL Water Solutions Permian, LLC

Incident # NAPP2333233247

Site Location: Unit I Sec 22 T25S R32E (Lat 32.120278°, Long -103.670472°)

Lea County, New Mexico

To whom it may concern:

On behalf of NGL Energy Partners (NGL), Carmona Resource, LLC has prepared this letter to document site assessment activities for the Paduca Main (11.24.2023). The site is located at 32.120278°, -103.670472° within Unit I, S22, T25S, R32E in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 24, 2023, due to equipment failure on the flow meter valve. It resulted in the release of approximately two hundred and fifty (250) barrels of produced water, and approximately two hundred and twenty (220) barrels of produced water were recovered. The impacted area was on the pad and pasture, and approximately 225' x 105' was measured on the pad and 120' x 40' in the pasture, as shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest groundwater determination bore is located approximately 1.24 miles north of the site in S10, T25S, R32E, and was drilled on June 7, 2022. The determination bore was drilled to a depth of 55' below the ground surface (ft bgs). The determination bore was revisited on June 13, 2022, and no presence of groundwater was found during that time. A copy of the associated NMOSE Well Record and Log is attached in Appendix D

On March 20, 2024, Carmona Resources oversaw the installation of a 55' groundwater determination bore. The bore is located approximately 0.05 miles northwest of the site in S22, T25S, R32E, and was drilled on March 20, 2024. The bore was left open for 72 hours and tagged with a water level meter to confirm no groundwater presence. The driller log will be included in the closure report 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).

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Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.

• TPH: 2,500 mg/kg (GRO + DRO + MRO).

• TPH: 1,000 mg/kg (GRO + DRO).

• Chloride: 10,000 mg/kg.

4.0 Site Assessment Activities

On December 11, 2023, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of eight (8) trenches (T-1 through T-8) and ten (10) horizontal sample points (H-1 through H-10) were advanced to depths ranging from surface to 12' bgs inside the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

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

5.0 Remediation Activities

Prior to beginning remediation activities. On March 13, 2024, the NMOCD approved the remediation work plan.

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on the following dates, per Subsection D of 19.15.29.12 NMAC: 05/15/2024, 05/25/2024, and 06/07.2024. See NMOCD correspondence in Appendix C.

A total of fifty-five (55) confirmation floor samples were collected (CS-1 through CS-55), and twenty-three (23) sidewall samples (SW-1 through SW-23) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4. All areas were excavated to the approved scope of work of San Mateo line reps following the pipeline safety policy.

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

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,000 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfilled areas were seeded on June 16, 2024. The appropriate pounds of pure live seed per acre were used. The seeds were applied via tractor and seed drill. The seed mixture used was BLM Seed Mix #2. (See attachments in Appendix F and Figure 5).

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Site inspections will be performed to evaluate the revegetation progress and assess the site for the presence of primary or secondary noxious weeds. An eradication method will be implemented if any noxious weeds are present.

7.0 Conclusions

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

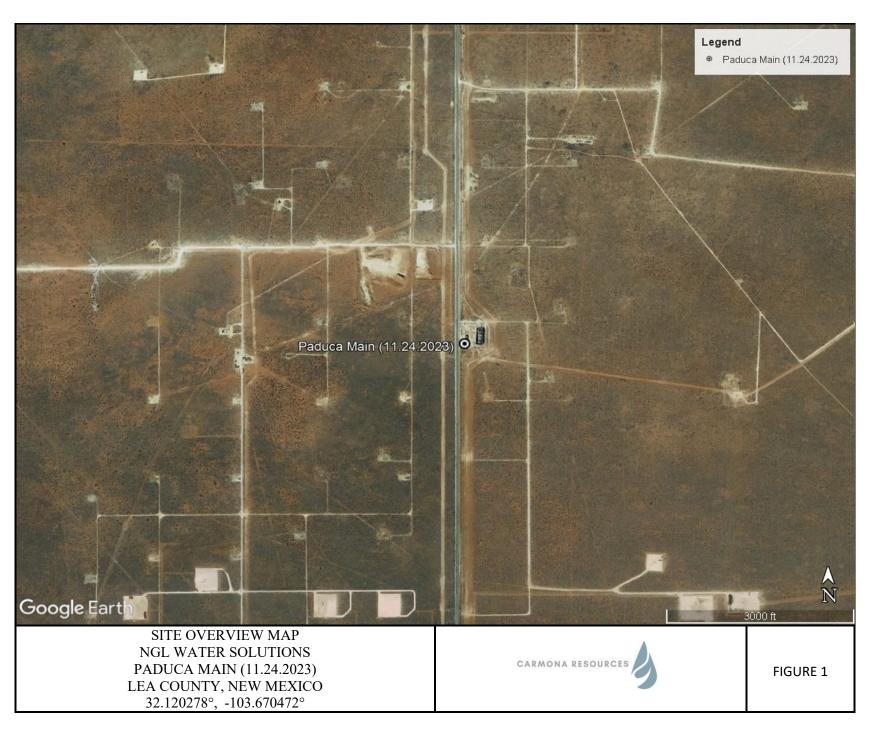
Sincerely,

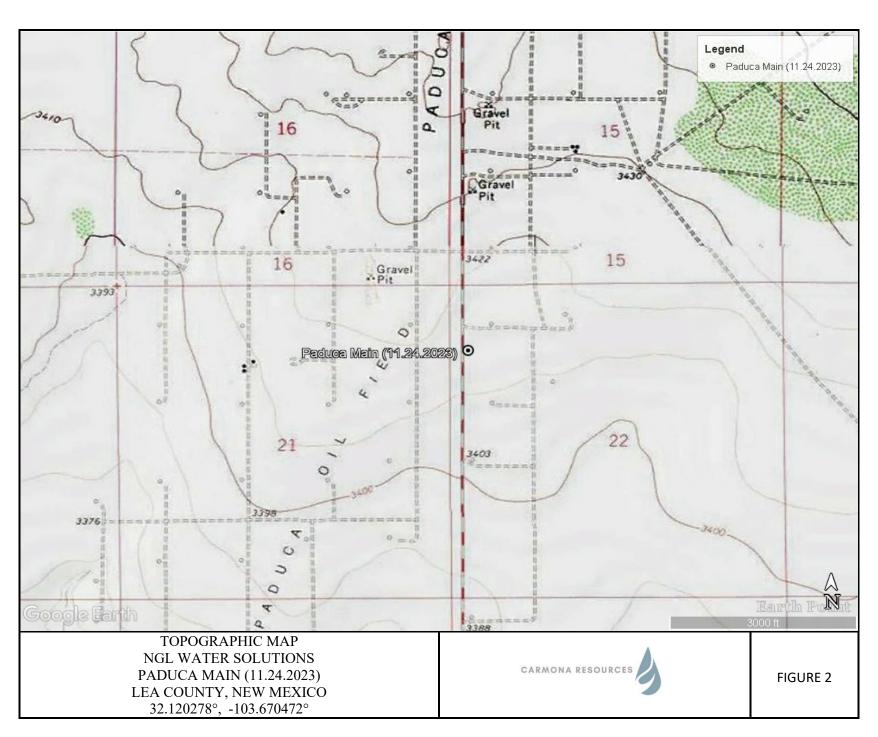
Carmona Resources, LLC

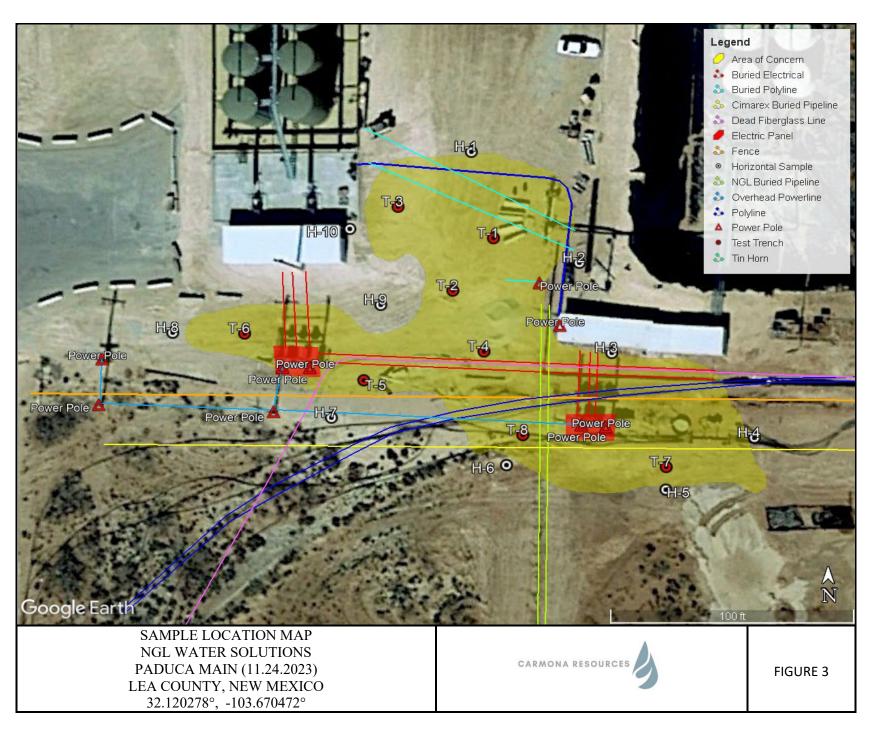
Ashton Thielke Sr. Project Manager Conner Moehring Sr. Project Manager

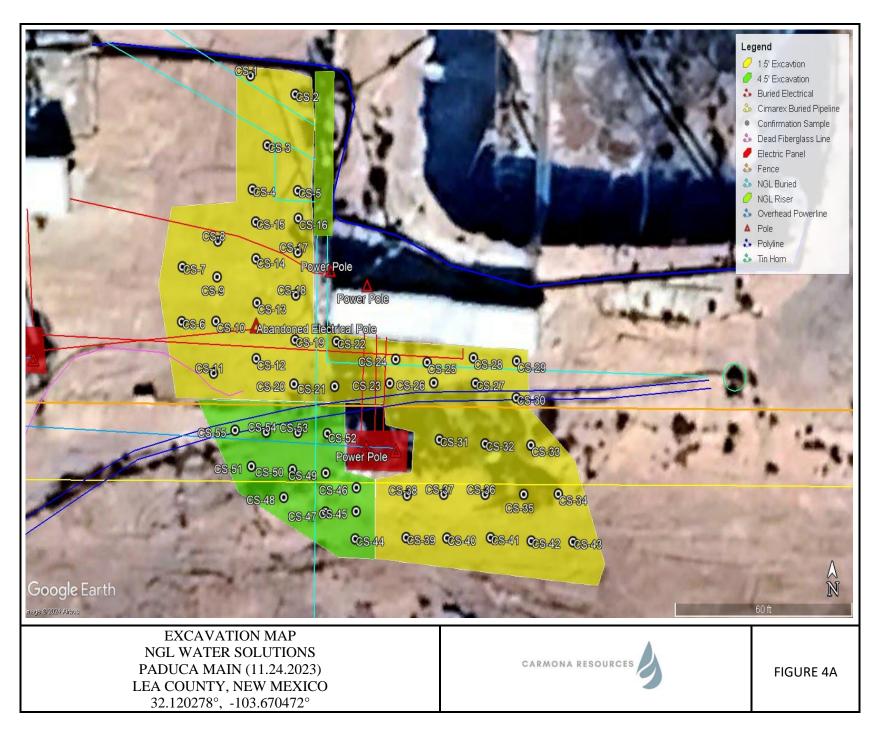
FIGURES

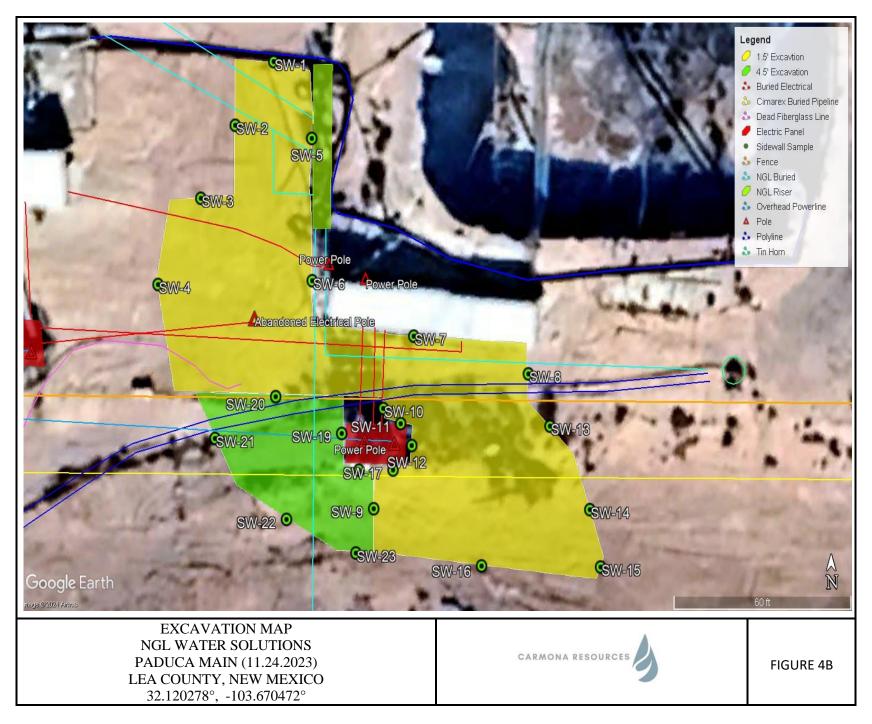
CARMONA RESOURCES













APPENDIX A

CARMONA RESOURCES

Table 1 **NGL Water Solutions** Paduca Main Lea County, New Mexico

				TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO		Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			GRU	DRU	MRO	On Pad						
	12/11/2023	0-1.0'	<49.8	205	<49.8	205	<0.00199	<0.00199	< 0.00199	<0.00398	<0.00398	10,800
T-1	"	1.5'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	830
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	245
	12/11/2023	0-1.0'	<49.7	158	<49.7	158	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	12,300
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,250
	"	2.0'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	673
	"	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	823
	"	4.0'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,850
	"	5.0'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,750
T-2	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,260
	"	7.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,380
	"	8.0'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,330
	"	9.0'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,500
	"	10.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,530
	"	11.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,280
	"	12.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	29.6
	12/11/2023	0-1.0'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,400
	"	1.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,450
	"	2.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,940
T-3	"	3.0'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,060
1-3	"	4.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,550
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,120
	"	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1,210
	"	7.0'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	155
	12/11/2023	0-1.0'	<49.5	2,420	<49.5	2,420	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,060
	"	1.5'	<50.2	140	<50.2	140	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,090
	"	2.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	604
	"	3.0'	<50.4	233	<50.4	233	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,450
	"	4.0'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,350
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,260
T-4	"	6.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	676
	"	7.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,420
	"	8.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,360
	"	9.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,080
	"	10.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,090
	"	11.0'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,130
	"	12.0'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	26.8
	ry Criteria A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

(-) Not Arialyzeu

A — Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(T) Trench

Removed

Table 1 **NGL Water Solutions** Paduca Main Lea County, New Mexico

				TPF	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	12/11/2023	0-1.0'	<49.9	301	<49.9	301	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,790
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	< 0.00399	1,570
	"	2.0'	<50.0	66.9	<50.0	66.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,490
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,300
	"	4.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,280
T-5	"	5.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,590
1-5	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,040
	"	7.0'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,040
	"	8.0'	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	635
	"	9.0'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	696
	"	10.0'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	462
	"	11.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.4
	12/11/2023	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,420
	"	1.5'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	778
	"	2.0'	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	730
T-6	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	657
	"	4.0'	<49.5	<49.5	<49.5	<49.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,270
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	< 0.00399	118
	"	6.0'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.0
						f Pad - Pasture						
	12/11/2023	0-1.0'	<50.4	123	<50.4	123	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,150
	"	1.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	322
T-7	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	82.5
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	103
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	22.2
	12/11/2023	0-1.0'	<50.5	74.8	<50.5	74.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,160
	"	1.5'	<50.1	1,250	<50.1	1,250	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	353
	"	2.0'	<49.7	85.4	<49.7	85.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	869
T-8	"	3.0'	<50.0	198	<50.0	198	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	592
	"	4.0'	<49.6	230	<49.6	230	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	148
	"	5.0'	<49.9	350	<49.9	350	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	119
	"	6.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.9
Regulate	ory Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg
() No	t Analyzed											

(-) Not Analyzed

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

Removed

Table 1 **NGL Water Solutions** Paduca Main Lea County, New Mexico

0	Butt	Daniel (6)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
H-1	12/11/2023	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.30
H-2	12/11/2023	0-0.5'	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<5.04
H-3	12/11/2023	0-0.5'	<50.0	121	<50.0	121	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<5.03
H-4	12/11/2023	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.5
H-5	12/11/2023	0-0.5'	<49.6	56.2	<49.6	56.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
H-6	12/11/2023	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	9.50
H-7	12/11/2023	0-0.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	408
H-8	12/11/2023	0-0.5'	<50.5	89.5	<50.5	89.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	56.8
H-9	12/11/2023	0-0.5'	<50.1	62.2	<50.1	62.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7.20
H-10	12/11/2023	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	281
	ory 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

Removed

Table 2 **NGL Water Solutions** Paduca Main Lea County, New Mexico

Sample ID	Date	Depth (ft)		TPŀ	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
	5 /4 5 /000 A		GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
CS-1	5/15/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	145
CS-2	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	141
CS-3	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	146
CS-4	5/15/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	133
CS-5	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	121
CS-6	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	157
CS-7	5/15/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	137
CS-8	5/15/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	155
CS-9	5/15/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	142
CS-10	5/15/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	136
CS-11	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	197
CS-12	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	237
CS-13	5/15/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	228
CS-14	5/15/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	222
CS-15	5/15/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	205
CS-16	5/15/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	113
CS-17	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	102
CS-18	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	125
CS-19	5/15/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	123
CS-20	5/15/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	159
CS-21	5/15/2024	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	114
CS-22	5/15/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	135
CS-23	5/15/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	113
CS-24	5/15/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,770
CS-25	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,750
CS-26	5/15/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,570
	ry Criteria ^A Analyzed		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

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

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

Sample ID	Date	Depth (ft)			H (mg/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
CS-27	5/15/2024	1.5'	GRO <49.7	DRO <49.7	MRO <49.7	Total <49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,720
												·
CS-28	5/15/2024	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,440
CS-29	5/15/2024	1.5'	<49.5	<49.5	<49.5	<49.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,830
CS-30	5/15/2024	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,870
CS-31	5/31/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	757
	6/7/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	52.9
CS-32	5/31/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	868
	6/7/2024	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	67.7
CS-33	5/31/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	791
	6/7/2024	2.0	<49.5	<49.5	<49.5	<49.5	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	53.2
CS-34	5/31/2024 6/7/2024	1.5' 2.0	<49.8 <49.6	<49.8 <49.6	<49.8 <49.6	<49.8 <49.6	<0.00202 <0.00201	<0.00202 <0.00201	<0.00202 <0.00201	<0.00404	<0.00404	671 69.8
CS-35	5/31/2024 6/7/2024	1.5' 2.0	<49.9 <49.7	<49.9 <49.7	<49.9 <49.7	<49.9 <49.7	<0.00199 <0.00201	<0.00199 <0.00201	<0.00199 <0.00201	<0.00398 <0.00402	<0.00398 <0.00402	610 57.9
CS-36	5/31/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	519
												1
CS-37	5/31/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	597
CS-38	5/31/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	585
CS-39	5/31/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	536
CS-40	5/31/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	538
CS-41	5/31/2024	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	462
CS-42	5/31/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	540
CS-43	5/31/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	557
CS-44	5/31/2024	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,910
CS-45	5/31/2024	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,890
CS-46	5/31/2024	4.5'	<49.8	57.0	<49.8	57.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	849
CS-47	5/31/2024	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,020
CS-48	5/31/2024	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,360
CS-49	5/31/2024	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,160
CS-50	5/31/2024	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,340
CS-51	5/31/2024	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,400
CS-52	5/31/2024	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,400
CS-53	5/31/2024	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,200
CS-54	5/31/2024	4.5'	<49.9	723	<49.9	723	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	5,960
CS-55	5/31/2024	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	0.00572	0.00572	2,480
	ory Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg
	t Analyzed											

A - Table 1 - 19.15.29 MMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (CS) Comfirmation Samples Removed

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

Samula ID	Date	Donath (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SW-1	5/15/2024	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	258
SW-2	5/15/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	225
SW-3	5/15/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	243
SW-4	5/15/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	177
SW-5	5/15/2024	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	116
SW-6	5/15/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	115
SW-7	5/15/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	123
SW-8	5/15/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	112
SW-9	5/31/2024	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	129
SW-10	5/31/2024	1.5'	<49.5	<49.5	<49.5	<49.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	155
SW-11	5/31/2024	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	145
SW-12	5/31/2024	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	152
SW-13	5/31/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	124
SW-14	5/31/2024	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	173
SW-15	5/31/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	118
SW-16	5/31/2024	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	175
SW-17	5/31/2024	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	169
SW-18	5/31/2024	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	163
SW-19	5/31/2024	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	158
SW-20	5/31/2024	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	170
SW-21	5/31/2024	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	182
SW-22	5/31/2024	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	142
SW-23	5/31/2024	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	125
Antelope Station Pit	6/7/2024	-	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	19.5
Grandy Pit	6/7/2024	-	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	26.5
	ry Criteria ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

(-) Not Analyzed

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

APPENDIX B

CARMONA RESOURCES

NGL Energy Partners

Photograph No. 1

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View West, area of T-1.



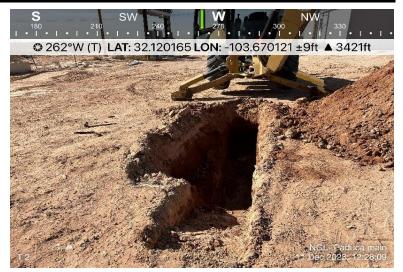
Photograph No. 2

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View West, area of T-2.



Photograph No. 3

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View South, area of T-3.





NGL Energy Partners

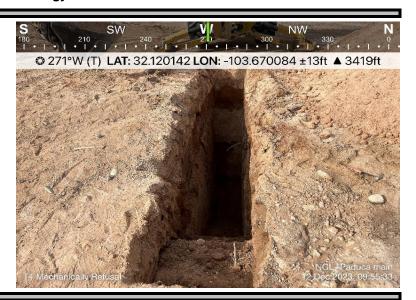
Photograph No. 4

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View West, area of T-4.



Photograph No. 5

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View East, area of T-5.



Photograph No. 6

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View East, area of T-6.





NGL Energy Partners

Photograph No. 7

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View East, area of T-7.



Photograph No. 8

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View North, of the drilling of the Groundwater determiation bore.



Photograph No. 9

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View North of the casing installed for the groundwater determiantion bore.





NGL Energy Partners

Photograph No. 10

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View South, area of Confiramtion samples (1-30).



Photograph No. 11

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View West area of confrimation samples (31-43).



Photograph No. 12

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View East, area of Confirmation samples (44-55).





NGL Energy Partners

Photograph No. 13

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View West, area of the backfilled excavation portion on the pad.



Photograph No. 14

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View West, area of the backfilled excavation area in the pasture.



Photograph No. 15

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View North, area of the backfilled excavation area in the pasture.





NGL Energy Partners

Photograph No. 16

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View Northwest, of the seed drill in tractor spreading BLM Seed Mix #2 in the backfilled pasture excavation.



Photograph No. 17

Facility: Paduca Main (11.24.2023)

County: Lea County, New Mexico

Description:

View of the sealed bag of BLM Seed mix #2. used in the reclamation of the pasture.



APPENDIX C

CARMONA RESOURCES

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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2333233247
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party NCI	Water Solutions	Domnion II.C		OGRID 3	372338		
Contact Nam			remnan, LLC		Contact Te		15-1010	
Contact email	:1					(assigned by OCD)		
	Joseph	.Vargo@nglep.co				(assigned by OCD)	NAPP233323324/	
Contact man	ing address	865 N. Albion S	treet, Suite 400, De	enver,	CO 80220			
			Location	of R	elease So	ource		
Latitude 32.	120278				Longitude	-103.670472		
			(NAD 83 in dec	imal de	grees to 5 decin	nal places)		
Site Name I	Paduca Main	1			Site Type	Produced Wate	er Transfer	
Date Release		11.24.23			API# (if app			
Unit Letter	Section	Township	Range		Coun	nty		
I	22	25S	32E		Lea			
C C			1.1 D. D	7	NGI Wate	er Solutions, LL	- C	
Surface Owner	r: State	Federal 11	ribal Private (<i>N</i>	vame:	TIGE Was	er solutions, EE)	
			Nature and	l Vol	lume of I	Release		
	Mataria	1(s) Palagad (Salagt a	Il that apply and attach	ممامييامه	ions or specific	justification for the	volumes provided below)	
Crude Oil		Volume Release		Calculat	ions of specific	Volume Reco		
X Produced	Water	Volume Release	ed (bbls) 250			Volume Reco	vered (bbls) 220	
		Is the concentrate	tion of dissolved cl	hloride	e in the	Yes X N	0	
		produced water						
Condensa		Volume Release				Volume Reco		
Natural G	as	Volume Release	ed (Mcf)		Volume Recovered (Mcf)			
Other (de	scribe)	Volume/Weight	Released (provide	units))	Volume/Weig	tht Recovered (provide units)	
Cause of Rel	ease							
		U 1					nment. 250 bbls released, 140 inside	
		which was recoved d with third party		ınroug	п tankage or	i site, and of the	110 bbls outside containment, 80	

Received by OCD: 7/10/2024312:00:37 AM
State of New Mexico
Page 2
Oil Conservation Division

P	age	29 e	of	44	3

Incident ID	nAPP2333233247
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	sible party consider this a major release?					
☐ Yes 🏻 No							
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?					
	Initial Ro	esponse					
The responsible	party must undertake the following actions immediatel	unless they could create a safety hazard that would result in injury					
The source of the rele	ease has been stopped.						
X The impacted area ha	s been secured to protect human health and	the environment.					
\overline{X} Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.							
All free liquids and recoverable materials have been removed and managed appropriately. If all the actions described above have <u>not</u> been undertaken, explain why:							
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.					
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	best of my knowledge and understand that pursuant to OCD rules and cations and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws					
Printed Name: Joseph	Vargo	Title: Regulatory Director					
Signature:		Date: <u>1</u> 1.28.23					
email: joseph.vargo@ng	lep.com	Telephone: 303-815-1010					
OCD Only							
Received by: Shelly We	lls	Date: <u>11/28/2023</u>					

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

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

District III 1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

CONDITIONS

Action 288822

CONDITIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	288822
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	y Condition	Condition Date
scwells	None	11/28/2023

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

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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 343506

QUESTIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	343506
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333233247
Incident Name	NAPP2333233247 PADUCA MAIN @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source		
Site Name	PADUCA MAIN	
Date Release Discovered	11/24/2023	
Surface Owner	Private	

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	4,880	
What is the estimated number of samples that will be gathered	38	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2024	
Time sampling will commence	10:00 AM	
Please provide any information necessary for observers to contact samplers	Sampler Information: Conner Moehring (432) 813-6823	
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.120278, -103.670472	

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

CONDITIONS

Action 343506

CONDITIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	343506
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jvargo	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/13/2024

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

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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 348544

QUESTIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	348544
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333233247
Incident Name	NAPP2333233247 PADUCA MAIN @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved

Location of Release Source		
Site Name	PADUCA MAIN	
Date Release Discovered	11/24/2023	
Surface Owner	Private	

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	4,985	
What is the estimated number of samples that will be gathered	41	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/31/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Conner Moerhring (432) 813- 6823	
Please provide any information necessary for navigation to sampling site	32.120278, -103.670472	

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

CONDITIONS

Action 348544

CONDITIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	348544
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created		Condition
Ву		Date
jvargo	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/28/2024

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

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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 350959

QUESTIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	350959
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2333233247	
Incident Name	NAPP2333233247 PADUCA MAIN @ 0	
Incident Type	Produced Water Release	
Incident Status	Remediation Plan Approved	

Location of Release Source		
Site Name	PADUCA MAIN	
Date Release Discovered	11/24/2023	
Surface Owner	Private	

Sampling Event General Information				
Please answer all the questions in this group.				
What is the sampling surface area in square feet	1,000			
What is the estimated number of samples that will be gathered	5			
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/07/2024			
Time sampling will commence	09:00 AM			
Please provide any information necessary for observers to contact samplers	Conner Moerhring (432) 813- 6823			
Please provide any information necessary for navigation to sampling site	Driving Directions – 32.120278, -103.670472			

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

CONDITIONS

Action 350959

CONDITIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	350959
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jvargo	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/5/2024

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

CONDITIONS

Action 303501

CONDITIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	303501
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	3/13/2024

Received by OCD: 7/10/2024 12:00:37 AM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID
District RP
Facility ID
Application ID

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following	items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.	.11 NMAC
Photographs of the remediated site prior to backfill or photo must be notified 2 days prior to liner inspection)	os of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	OC District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regulatore, reclaim, and re-vegetate the impacted surface area to the caccordance with 19.15.29.13 NMAC including notification to the	lations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
OCD Only	
Received by:	Date:
	y of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

APPENDIX D

CARMONA RESOURCES



Location:

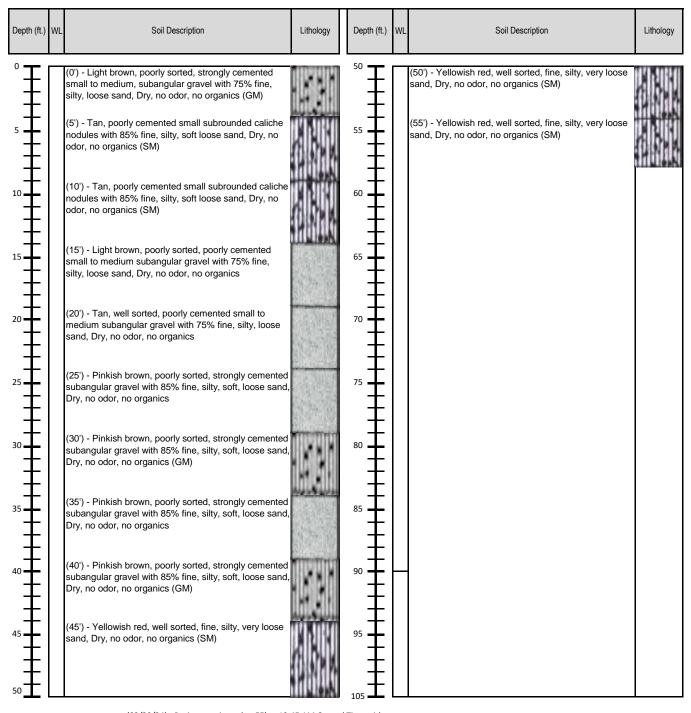


Project Name : Date: **NGL Paduca Main SWD** Wednesday, March 20, 2024

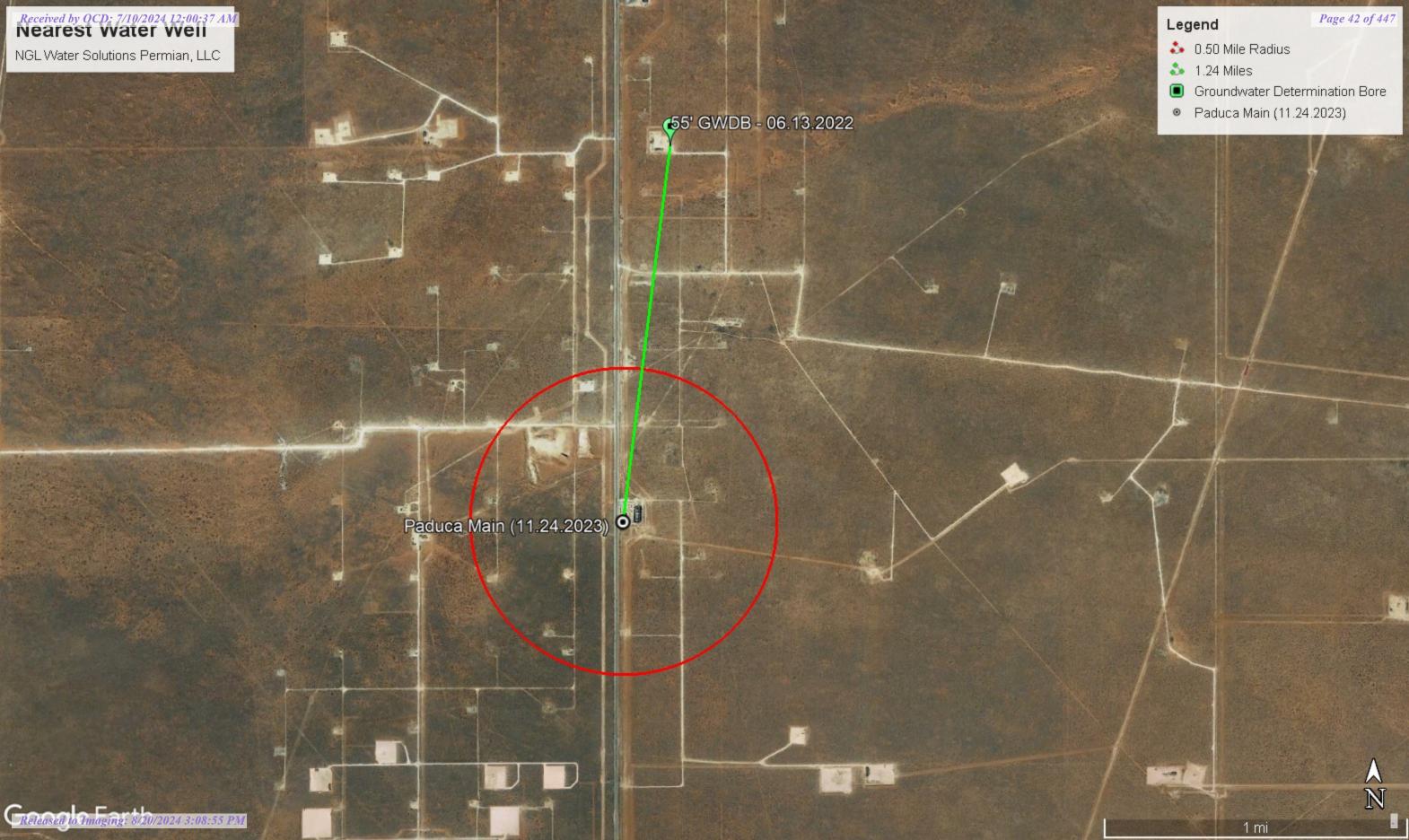
Project No. : Sampler: Ivan Ramos

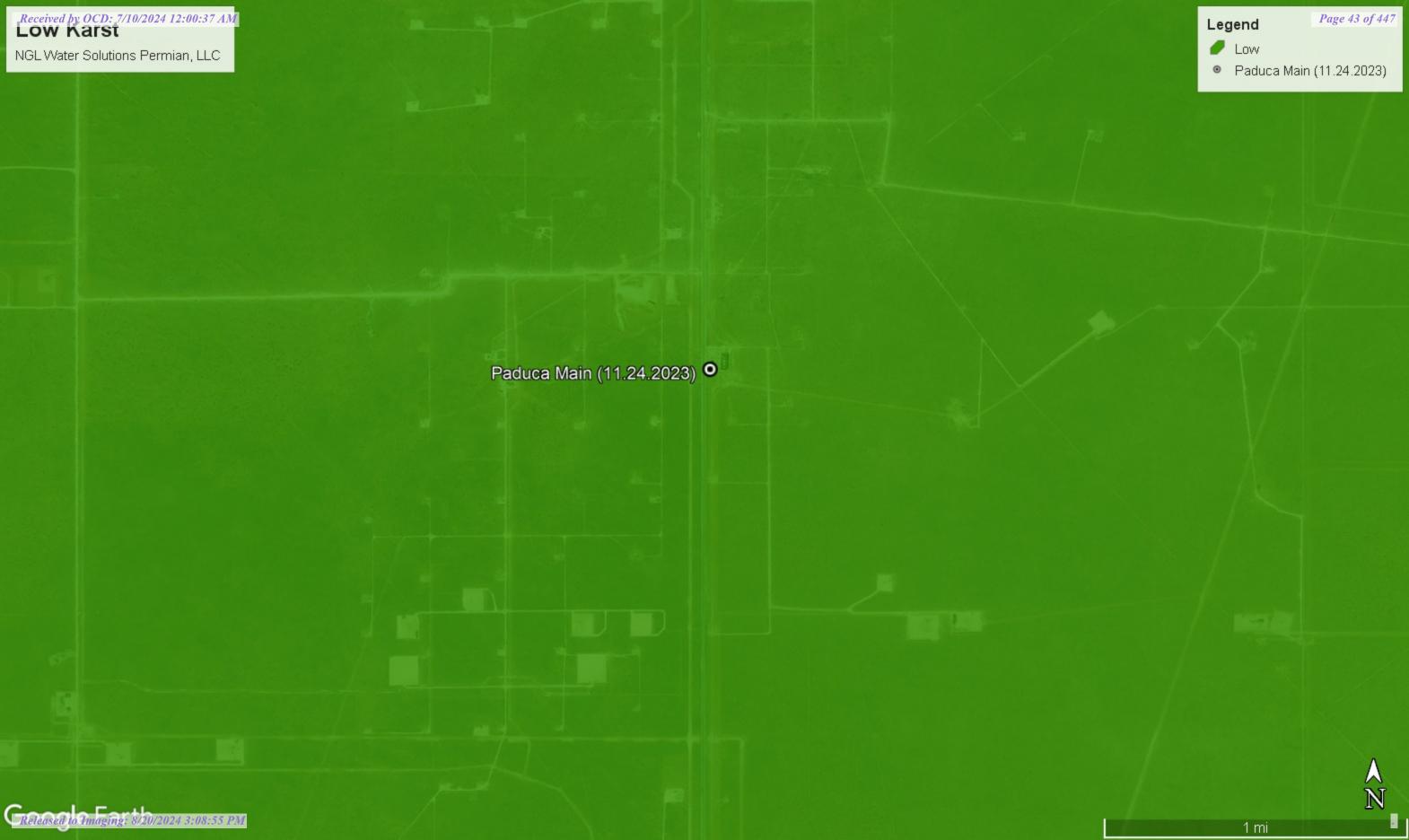
Lea County, New Mexico Driller: 32.12076, -103.67064 Coordinates : Scarborough Drilling

Method: Elevation : 3,428 Air Rotary



Comments: (03/20/24) - Boring terminated at 55' at 10:45 AM Central Time with no presence of groundwater or moisture.







New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

mater ingini ineri	0.0000)	(40000000000000000000000000000000000000		((
	POD				
	Sub-	QQQ			Depth Depth Water
POD Number	Code basin Cou	nty 64 16 4 Sec	Tws Rng	X Y	Distance Well Water Column
C 04634 POD1	CUB L	E 4 3 3 10	25S 32E 625	643 3556522 🌍	1993 55
C 04722 POD1	CUB L	3 3 2 29	25S 32E 622	962 3552530 🌕	3176

Average Depth to Water: --

Minimum Depth: -

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 625421 **Northing (Y):** 3554541 **Radius:** 4000

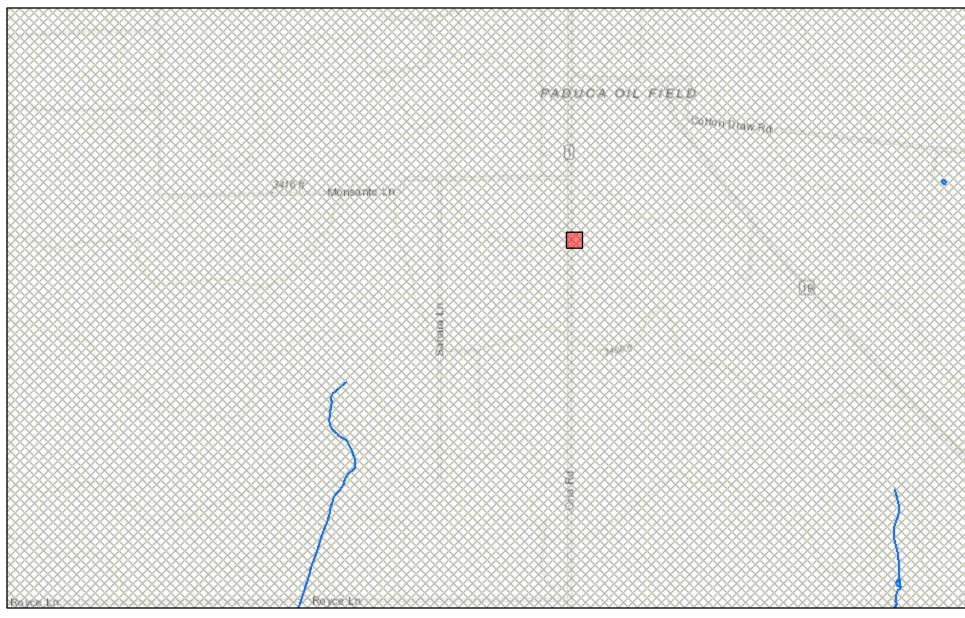
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



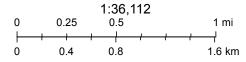
NO	OSE POD NO POD 1 (TV		NO.)			WELL TAG ID NO. N/A			OSE FILE NO C-4634	(S) .				
OCAT!	WELL OWN Devon End		E(S)			I			PHONE (OPTIONAL) 575-748-1838					
GENERAL AND WELL LOCATION	WELL OWN 6488 7 Ri			DDRESS					CITY Artesia			STAT NM		ZIP
AND	WELL				EGREES 32	MINUTES 8	SECO 17	23	* ACCURACY	Y REQUIRED:	ONE TENT	H OF	A SECOND	
NERAI	(FROM GI	PS)		ITUDE	103	40		33 W	* DATUM RE	QUIRED: WG	S 84			
1. GE	1			WELL LOCATION TO 5S R32S NMPM		RESS AND COMMON	LANDM	IARKS – PLS	S (SECTION, TO	OWNSHJIP, RA	NGE) WHE	ERE A	VAILABLE	
	LICENSE NO		1	NAME OF LICENSED		Inalia D. Adhina				10.000000000000000000000000000000000000			COMPANY	
	DRILLING S		<u></u>	DRILLING ENDED		Jackie D. Atkins	D)	DODE HO	E DERMI (ET)				ng Associates, I	
	6/7/2			6/7/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well BORE HOLE ±			±55	DEPTH W	ATER FIRS		ENCOUNTERED (FT) N/A		
NO	COMPLETED WELL IS: ARTESIAN			✓ DRY HOI	DRY HOLE SHALLOW (UNCONFINED) IN COM			WATER LEV		A	DATE STATIC			
ATI	DRILLING FLUID: AIR MUD ADDITIVES - SPECIFY:													
ORM	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER-SPECIFY: Hollow Stem								Auger	CHECK I	HERE LED	IF PITLESS ADAI	PTER IS	
INF	DEPTH (feet bgl) BORE HOLE		CASING MATERIAL AND/OR GRADE		CASING				CA	ASING WALL SLO				
2. DRILLING & CASING INFORMATION	FROM	TO	,	DIAM (inches)		(include each casing string, and note sections of screen)		T	NECTION YPE	INSIDE DIAM. (inches)		T	HICKNESS (inches)	SIZE (inches)
& CA	0	55		±6.5		Boring-HSA		(add coupl	ing diameter)					
ING														
ПП														
DR.														
7					-									
										-				
										 	_			
	DEPTH	(feet bgl)	BORE HOLE	LI	ST ANNULAR SE	AL MA	TERIAL A	ND	AM	OUNT		METHO	D OF
IAL	FROM	TO	,	DIAM. (inches)	GRA	VEL PACK SIZE-	RANGI	BY INTE	RVAL	(cub	ic feet)		PLACEM	
ANNULAR MATERIAL														
MA														
AR														
15N										USE OF	TUNI	62	022 pm3:13	
			-									-		
6.										-	-	\dashv		
ECE	OSE BITTER	NIAT IV			L									
FILE	OSE INTER	C -	- L	1634		POD NO.	7	70 1	WR-2	name to	CORD &	LOG	Version 01/28	3/2022)
	ATION	7	Co.	< 327	()		2.3	3	WELL TAGE		1 10	7.7	PAGE	1 OF 2

17		DEPTH (1	reet bgl) TO	S	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)				
14 55 41 Sand, Fine-grained, poorty graded, with Caliche, 7.5 YR 7/6, Reddish Yellow Y N Y N		0	4	4	Sand, Fine	e-grained, poorly graded, 2.5	YR 3/6, Dark Red		Y ✓N	
Table Tabl		4	14	10	Calich	e, with Fine-grained sand, 7.5	5 YR 7/4, Pink		Y ✓N	
THE TOTAL PROPERTY OF		14	55	41	Sand, Fine-grained, p	poorly graded, with Caliche,	7.5 YR 7/6, Reddish Y	ellow	Y ✓N	
Tight									Y N	
Table									Y N	
Y N Y N Y N Y N Y N Y N Y N Y N	님								Y N	
Y N Y N Y N Y N Y N Y N Y N Y N	WE								Y N	
Y N Y N Y N Y N Y N Y N Y N Y N	OF								Y N	
Y N Y N Y N Y N Y N Y N Y N Y N	09								Y N	
Y N Y N Y N Y N Y N Y N Y N Y N	SIC								Y N	
Y N Y N Y N Y N Y N Y N Y N Y N	ľ								Y N	
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Y N Y N Y N Y N Y N Y N Y N Y N	DRO								Y N	
Y N Y N Y N Y N Y N Y N Y N Y N	HY								Y N	
Y N Y N Y N Y N Y N Y N	4	,							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: TOTAL ESTIMATED		METHOD U	SED TO ES	STIMATE YIELD	OF WATER-BEARIN	NG STRATA:				
PUMP AIR LIFT BAILER OTHER - SPECIFY: WELL YIELD (gpm): 0.00		PUM	P A	WE	LL YIELD (gpm):	0.00				
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.	ION									
START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet	RVIS	MISCELLA	NEOUS INF	FORMATION: T	emporary well mater	ial removed and soil borin	g backfilled using di	rill cut	tings from total de	epth to ten feet
below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 32 CDU 237 QSE DII JUN 16 2022 PM3;13 PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	UPE			be	elow ground surface((bgs), then hydrated benton	nite chips ten feet bg	s to su	rface.	
CDU 237 USE DII JUN 16 2022 PM3:13	IG SI						Ω.	SF M	2000 A LIALIT. TI	DMQ110
### ##################################	T; R							mail france (stage of		
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:	TES	PRINT NAM	Æ(S) OF D	RILL RIG SUPE	RVISOR(S) THAT PRO	OVIDED ONSITE SUPERVI	ISION OF WELL CON	STRU	CTION OTHER TH	IAN LICENSEE:
Shane Eldridge, Cameron Pruitt	.5.	Shane Eldric	dge, Camer	ron Pruitt						
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	RE	CORRECT I	RECORD O	F THE ABOVE I	DESCRIBED HOLE A	ND THAT HE OR SHE WIL	LL FILE THIS WELL			
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 6/16/2022	ATU	AND THE	EKWII HO	LUCK WITHIN.	DA IS AFTER COM	WILLIAM OF WELL DRIL	LINU:			
Jack Atkins Jackie D. Atkins 6/16/2022	SIGN	Jack K	Atkins		Ja	ackie D. Atkins			6/16/2022	
SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE		<i>V</i>	SIGNAT	URE OF DRILLI	ER / PRINT SIGNEE	ENAME	_		DATE	
									CORD A LCT T	. 01/20/2020
FOR OSE INTERNAL USE WR-20 WELL RECORD & LOG (Version 01/28/2022) FILE NO. C - 4634 POD NO. POD \ TRN NO. 77647				11,24		POD NO. TOO		LL RE	1	rsion 01/28/2022)
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New Mexico NFHL Data



November 29, 2023



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

APPENDIX E

CARMONA RESOURCES

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/21/2023 12:49:03 PM

JOB DESCRIPTION

Paduca Main Lea Co. NM

JOB NUMBER

880-37026-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 12/21/2023 12:49:03 PM

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

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Client: Carmona Resources Project/Site: Paduca Main Laboratory Job ID: 880-37026-1 SDG: Lea Co. NM

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Definitions/Glossary

Client: Carmona Resources

Job ID: 880-37026-1

Project/Site: Paduca Main

SDG: Lea Co. NM

IIVI

Qualifiers

GC	VOA
Qua	lifier

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.

Qualifier Description

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GC Semi VOA

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

8

HPLC/IC

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

10

Glossary

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

4 /

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

These commonly used abbreviations may or may not be present in this report.

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (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: Paduca Main

Job ID: 880-37026-1

Job ID: 880-37026-1 **Eurofins Midland**

Job Narrative 880-37026-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 12/15/2023 2:08 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 -7.5°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (880-37026-1), H-2 (0-0.5) (880-37026-2), H-3 (0-0.5) (880-37026-3), H-4 (0-0.5) (880-37026-4), H-5 (0-0.5) (880-37026-5), H-6 (0-0.5) (880-37026-6), H-7 (0-0.5) (880-37026-7), H-8 (0-0.5) (880-37026-8), H-9 (0-0.5) (880-37026-9) and H-10 (0-0.5) (880-37026-10).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (880-37026-1), H-2 (0-0.5) (880-37026-2), H-3 (0-0.5) (880-37026-3), H-4 (0-0.5) (880-37026-4), H-5 (0-0.5) (880-37026-5), H-6 (0-0.5) (880-37026-6), H-7 (0-0.5) (880-37026-7), H-8 (0-0.5) (880-37026-8), H-9 (0-0.5) (880-37026-9), H-10 (0-0.5) (880-37026-10), (CCV 880-69426/2), (CCV 880-69426/33), (LCS 880-69313/1-A), (LCSD 880-69313/2-A), (880-37026-A-1-C MS) and (880-37026-A-1-D MSD). 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 880-69313 and analytical batch 880-69426 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.

GC Semi VOA

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5) (880-37026-1), H-2 (0-0.5) (880-37026-2), H-3 (0-0.5) (880-37026-3), H-4 (0-0.5) (880-37026-4), H-5 (0-0.5) (880-37026-5), H-6 (0-0.5) (880-37026-6), H-7 (0-0.5) (880-37026-7), H-8 (0-0.5) (880-37026-8), H-9 (0-0.5) (880-37026-9), H-10 (0-0.5) (880-37026-10) and (880-37028-A-61-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: The matrix spike (MS) recoveries for preparation batch 880-69258 and analytical batch 880-69261 were below control limits due to an incorrect spike amount added. The associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-69258 and analytical batch 880-69261 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC

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

Job ID: 880-37026-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Client Sample ID: H-1 (0-0.5) Lab Sample ID: 880-37026-1 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2	0.00201		mg/Kg		12/18/23 13:16	12/20/23 12:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 12:24	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		12/18/23 13:16	12/20/23 12:24	1
m-Xylene & p-Xylene	<0.00402	U F2	0.00402		mg/Kg		12/18/23 13:16	12/20/23 12:24	1
o-Xylene	<0.00201	U F2 F1	0.00201		mg/Kg		12/18/23 13:16	12/20/23 12:24	1
Xylenes, Total	<0.00402	U F2	0.00402		mg/Kg		12/18/23 13:16	12/20/23 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	192	S1+	70 - 130				12/18/23 13:16	12/20/23 12:24	1
1,4-Difluorobenzene (Surr)	78		70 - 130				12/18/23 13:16	12/20/23 12:24	1
Method: TAL SOP Total BTEX - 1	otal BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/20/23 12:24	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/17/23 01:51	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (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		12/15/23 22:47	12/17/23 01:51	1
Diesel Range Organics (Over	<50.2	U	50.2		mg/Kg		12/15/23 22:47	12/17/23 01:51	1
C10-C28)	4F0.0		50.0				40/45/00 00:47	40/47/00 04:54	
Oll Range Organics (Over C28-C36)	<50.2		50.2		mg/Kg		12/15/23 22:47	12/17/23 01:51	1
Total TPH	<50.2	U	50.2		mg/Kg		12/15/23 22:47	12/17/23 01:51	1
Surrogate	%Recovery		Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane		S1+	70 - 130				12/15/23 22:47	12/17/23 01:51	1
o-Terphenyl -	152	S1+	70 - 130				12/15/23 22:47	12/17/23 01:51	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: H-2 (0-0.5) Lab Sample ID: 880-37026-2 Date Collected: 12/11/23 00:00 Matrix: Solid

mg/Kg

9.30

Date Received: 12/15/23 14:08

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 12:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 12:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 12:50	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/18/23 13:16	12/20/23 12:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 12:50	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/18/23 13:16	12/20/23 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	225	S1+	70 - 130				12/18/23 13:16	12/20/23 12:50	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/18/23 13:16	12/20/23 12:50	1

Eurofins Midland

12/18/23 16:50

Client Sample Results

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37026-1

SDG: Lea Co. NM

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

Lab Sample ID: 880-37026-2

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

(GRO)-C6-C10

Released to Imaging: 8/20/2024 3:08:55 PM

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/20/23 12:50	
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.5	U	50.5		mg/Kg			12/17/23 02:11	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.5	U	50.5		mg/Kg		12/15/23 22:47	12/17/23 02:11	
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U	50.5		mg/Kg		12/15/23 22:47	12/17/23 02:11	
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:47	12/17/23 02:11	
Total TPH	<50.5	U	50.5		mg/Kg		12/15/23 22:47	12/17/23 02:11	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	136	S1+	70 - 130				12/15/23 22:47	12/17/23 02:11	
o-Terphenyl	142	S1+	70 - 130				12/15/23 22:47	12/17/23 02:11	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	<5.04	U	5.04		mg/Kg			12/18/23 16:55	

Client Sample ID: H-3 (0-0.5) Lab Sample ID: 880-37026-3

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 13:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 13:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 13:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 13:16	12/20/23 13:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 13:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 13:16	12/20/23 13:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	230	S1+	70 - 130				12/18/23 13:16	12/20/23 13:16	1
1,4-Difluorobenzene (Surr)	106		70 - 130				12/18/23 13:16	12/20/23 13:16	1
Method: TAL SOP Total BTEX	- Total BTEX Cale	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/20/23 13:16	
_									
Method: SW846 8015 NM - Die	sel Range Organ	ics (DRO) (GC)						
	• •	ics (DRO) ((GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH	• •	, , ,	•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/17/23 02:32	Dil Fac
Analyte Total TPH	Result 121	Qualifier	RL	MDL		<u>D</u>	Prepared		Dil Fac
Analyte	Result 121 iesel Range Orga	Qualifier	RL	MDL		<u>D</u>	Prepared Prepared		Dil Fac

Job ID: 880-37026-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-37026-3

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

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

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	121		50.0		mg/Kg		12/15/23 22:47	12/17/23 02:32	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:47	12/17/23 02:32	1
Total TPH	121		50.0		mg/Kg		12/15/23 22:47	12/17/23 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130				12/15/23 22:47	12/17/23 02:32	1
o-Terphenyl	168	S1+	70 ₋ 130				12/15/23 22:47	12/17/23 02:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Unit RLD Prepared Analyzed Dil Fac Chloride <5.03 U 5.03 12/18/23 16:59 mg/Kg

Client Sample ID: H-4 (0-0.5) Lab Sample ID: 880-37026-4 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 13:42	1
Toluene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 13:42	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 13:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 13:42	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 13:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	256	S1+	70 - 130				12/18/23 13:16	12/20/23 13:42	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/18/23 13:16	12/20/23 13:42	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/20/23 13:42	1
Mothed: CW04C 004E NM Diese	al Banna Orman	: (DDO) (00)						
Method: SW846 8015 NM - Diese Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH			49.8		mg/Kg		Frepareu	12/17/23 02:53	1
-	140.0	J	43.0		mg/rtg			12/11/20 02:00	
		,	• •	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result	Qualifier	RL	MDL		<u>D</u>	Prepared 12/15/23 22:47	Analyzed	
Analyte Gasoline Range Organics		Qualifier	• •	MDL	Unit mg/Kg	<u>D</u>	Prepared 12/15/23 22:47	Analyzed 12/17/23 02:53	
Analyte	Result	Qualifier U	RL	MDL		<u>D</u>			1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8	Qualifier U	RL 49.8	MDL	mg/Kg	<u>D</u>	12/15/23 22:47	12/17/23 02:53	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8	Qualifier U	RL 49.8	MDL	mg/Kg	<u>D</u>	12/15/23 22:47	12/17/23 02:53	1
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.8 <49.8	Qualifier U U	RL 49.8	MDL	mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47	12/17/23 02:53 12/17/23 02:53	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH	Result <49.8 <49.8 <49.8	Qualifier U U U U	RL 49.8 49.8 49.8	MDL	mg/Kg mg/Kg mg/Kg	<u> </u>	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	12/17/23 02:53 12/17/23 02:53 12/17/23 02:53	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49.8 <49	Qualifier U U U U	49.8 49.8 49.8 49.8 49.8	MDL	mg/Kg mg/Kg mg/Kg	<u> </u>	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	12/17/23 02:53 12/17/23 02:53 12/17/23 02:53 12/17/23 02:53	1 1

Job ID: 880-37026-1

SDG: Lea Co. NM

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

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-37026-4

Matrix: Solid

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Solubl	е					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed
Chloride	23.5		5.02		mg/Kg			12/18/23 17:14

Client Sample ID: H-5 (0-0.5) Lab Sample ID: 880-37026-5 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 14:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 14:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 14:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 14:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 14:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	266	S1+	70 - 130				12/18/23 13:16	12/20/23 14:08	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/18/23 13:16	12/20/23 14:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
	Total BTEX	<0.00398	U	0.00398	mg/Kg			12/20/23 14:08	1	

Method: SW846 8015 NM - Diesel F	Range Organics (DRO) (GC	;)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.2	49.6	mg/Kg			12/17/23 03:14	1

Method: SW846 8015B NM - Dies	sel Range Orga	nics (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		12/15/23 22:47	12/17/23 03:14	1
Diesel Range Organics (Over C10-C28)	56.2		49.6		mg/Kg		12/15/23 22:47	12/17/23 03:14	1
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/15/23 22:47	12/17/23 03:14	1
Total TPH	56.2		49.6		mg/Kg		12/15/23 22:47	12/17/23 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1 Chlorocatana	1/18	C1_	70 130				12/15/22 22:47	12/17/22 02:14	

Method: EPA 300.0 - Anions, Ion Chromato	graphy - Soluble				
o-Terphenyl	156 S1+	70 - 130	12/15/23 22:47	12/17/23 03:14	1
1-Chioroociane	140 31+	70 - 130	12/13/23 22.47	12/11/23 03.14	1

Method: EPA 300.0 - Anions, ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	128		4.99		mg/Kg			12/18/23 17:19	1

Client Sample ID: H-6 (0-0.5) Lab Sample ID: 880-37026-6 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile Or	rganic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg	<u></u>	12/18/23 13:16	12/20/23 14:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 14:34	1

Client: Carmona Resources

Job ID: 880-37026-1

Project/Site: Paduca Main

SDG: Lea Co. NM

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

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37026-6

Matrix: Solid

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 14:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 13:16	12/20/23 14:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 14:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 13:16	12/20/23 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	241	S1+	70 - 130				12/18/23 13:16	12/20/23 14:34	
1,4-Difluorobenzene (Surr)	91		70 - 130				12/18/23 13:16	12/20/23 14:34	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/20/23 14:34	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/17/23 03:34	1
- -					mg/Kg			12/17/23 03:34	1
Total TPH Method: SW846 8015B NM - Dies Analyte	sel Range Orga			MDL	mg/Kg Unit		Prepared	12/17/23 03:34 Analyzed	
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	sel Range Orga	nics (DRO) Qualifier	(GC)	MDL		D	Prepared 12/15/23 22:47		Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	sel Range Orga Result	nics (DRO) Qualifier	(GC)	MDL	Unit	<u>D</u>	<u>.</u>	Analyzed	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	sel Range Orga Result <50.0	nics (DRO) Qualifier U	(GC) RL 50.0	MDL	Unit mg/Kg	<u>D</u>	12/15/23 22:47	Analyzed 12/17/23 03:34	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <50.0	nics (DRO) Qualifier U	(GC) RL 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47	Analyzed 12/17/23 03:34 12/17/23 03:34	Dil Fac 1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	sel Range Orga Result <50.0 <50.0 <50.0	Oualifier U U U	(GC) RL 50.0 50.0	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	Analyzed 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34	
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	sel Range Orga Result <50.0 <50.0 <50.0 <50.0	Oualifier U U U	(GC) RL 50.0 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	Analyzed 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate	sel Range Orga Result <50.0	U U Qualifier U Qualifier	RL 50.0 50.0 50.0 50.0 Limits	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 Prepared	Analyzed 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 Analyzed	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	Sel Range Orga Result <50.0 <50.0 <50.0 <50.0 <50.0	U U Qualifier U U Qualifier S1+ S1+	RL 50.0 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg mg/Kg	D	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 Prepared 12/15/23 22:47	Analyzed 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 Analyzed 12/17/23 03:34	Dil Fac 1 1 1 1 Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	Sel Range Orga Result	U U Qualifier U Qualifier S1+ S1+	RL 50.0 50.0 50.0 50.0		Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 Prepared 12/15/23 22:47	Analyzed 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 Analyzed 12/17/23 03:34	Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac

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

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37026-7

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 15:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 15:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 15:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 13:16	12/20/23 15:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 15:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 13:16	12/20/23 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	283	S1+	70 - 130				12/18/23 13:16	12/20/23 15:52	1
1,4-Difluorobenzene (Surr)	105		70 - 130				12/18/23 13:16	12/20/23 15:52	1

Client Sample Results

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37026-1

SDG: Lea Co. NM

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

Lab Sample ID: 880-37026-7

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/20/23 15:52	1
- Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/17/23 03:55	1
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.3	U	50.3		mg/Kg		12/15/23 22:47	12/17/23 03:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.3	U	50.3		mg/Kg		12/15/23 22:47	12/17/23 03:55	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/15/23 22:47	12/17/23 03:55	1
Total TPH	<50.3	U	50.3		mg/Kg		12/15/23 22:47	12/17/23 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130				12/15/23 22:47	12/17/23 03:55	1
o-Terphenyl	139	S1+	70 - 130				12/15/23 22:47	12/17/23 03:55	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	408		4.97		mg/Kg			12/18/23 17:28	1

Client Sample ID: H-8 (0-0.5) Lab Sample ID: 880-37026-8

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 16:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 16:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 16:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/18/23 13:16	12/20/23 16:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 16:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/18/23 13:16	12/20/23 16:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130				12/18/23 13:16	12/20/23 16:18	1
1,4-Difluorobenzene (Surr)	80		70 - 130				12/18/23 13:16	12/20/23 16:18	1
1,4 Dillaorobenzene (Garr)	• • • • • • • • • • • • • • • • • • • •								
Method: TAL SOP Total BTEX		culation							
- ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	- Total BTEX Cald	culation Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX	- Total BTEX Cald	Qualifier	RL 0.00404	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/20/23 16:18	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00404	Qualifier U	0.00404	MDL		<u>D</u>	Prepared		
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00404 esel Range Organ	Qualifier U	0.00404			<u>D</u>	Prepared Prepared		
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00404 esel Range Organ	Qualifier U	0.00404 GC)		mg/Kg			12/20/23 16:18	1
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00404 esel Range Organ Result 89.5	Qualifier U ics (DRO) (Qualifier	0.00404 GC) RL 50.5		mg/Kg			12/20/23 16:18 Analyzed	1
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00404 esel Range Organ Result 89.5 iesel Range Orga	Qualifier U ics (DRO) (Qualifier	0.00404 GC) RL 50.5	MDL	mg/Kg			12/20/23 16:18 Analyzed	1

Job ID: 880-37026-1 SDG: Lea Co. NM

D

Prepared

Project/Site: Paduca Main

Client: Carmona Resources

Client Sample ID: H-8 (0-0.5) Lab Sample ID: 880-37026-8 Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	89.5		50.5		mg/Kg		12/15/23 22:47	12/17/23 04:15	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:47	12/17/23 04:15	1
Total TPH	89.5		50.5		mg/Kg		12/15/23 22:47	12/17/23 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				12/15/23 22:47	12/17/23 04:15	1
o-Terphenyl	138	S1+	70 - 130				12/15/23 22:47	12/17/23 04:15	1

Result Qualifier 5.04 12/18/23 17:33 Chloride **56**.8 mg/Kg Client Sample ID: H-9 (0-0.5) Lab Sample ID: 880-37026-9

RL

MDL Unit

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 18:01	1
Toluene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 18:01	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 18:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 18:01	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 18:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130				12/18/23 13:16	12/20/23 18:01	1
1,4-Difluorobenzene (Surr)	82		70 - 130				12/18/23 13:16	12/20/23 18:01	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/20/23 18:01	1
Total BTEX Method: SW846 8015 NM - Diese					mg/Kg			12/20/23 18:01	1
- -	el Range Organ			MDL		D	Prepared	12/20/23 18:01 Analyzed	
: Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)	MDL		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result 62.2	ics (DRO) (GC) RL 50.1	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte	el Range Organ Result 62.2 sel Range Orga	ics (DRO) (GC) RL 50.1		Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ Result 62.2 sel Range Orga	Qualifier unics (DRO) Qualifier	RL 50.1 (GC)		Unit mg/Kg		<u> </u>	Analyzed 12/17/23 04:36	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result 62.2 sel Range Orga Result	Qualifier unics (DRO) Qualifier	GC) RL 50.1 (GC) RL		Unit mg/Kg		Prepared	Analyzed 12/17/23 04:36 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 62.2 sel Range Orga Result <50.1	ics (DRO) (Qualifier	(GC) RL 50.1 (GC) RL 50.1		Unit mg/Kg Unit mg/Kg		Prepared 12/15/23 22:47	Analyzed 12/17/23 04:36 Analyzed 12/17/23 04:36	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	el Range Organ Result 62.2 sel Range Orga Result <50.1	ics (DRO) (Qualifier	GC) RL 50.1 (GC) RL 50.1 50.1		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:47 12/15/23 22:47	Analyzed 12/17/23 04:36 Analyzed 12/17/23 04:36 12/17/23 04:36	Dil Fac Dil Fac 1 1 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	el Range Organ Result 62.2 sel Range Orga Result <50.1	ics (DRO) (Qualifier unics (DRO) Qualifier U	GC) RL 50.1 (GC) RL 50.1 50.1		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	Analyzed 12/17/23 04:36 Analyzed 12/17/23 04:36 12/17/23 04:36 12/17/23 04:36	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	sel Range Organ Result 62.2 sel Range Orga Result <50.1 62.2 <50.1 62.2 %Recovery	ics (DRO) (Qualifier unics (DRO) Qualifier U	GC) RL 50.1 (GC) RL 50.1 50.1 50.1 50.1		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	Analyzed 12/17/23 04:36 Analyzed 12/17/23 04:36 12/17/23 04:36 12/17/23 04:36	1 Dil Fac 1 1 1 1 1 1 1 Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Eurofins Midland

Dil Fac

Analyzed

Job ID: 880-37026-1

SDG: Lea Co. NM

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

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

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-37026-9

Matrix: Solid

Method: EPA	300.0 - Anions, Ion Chromatograp	ohy - Soluble						
Analyte	Result	Qualifier R	_ MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.20	5.0	2	mg/Kg			12/18/23 17:38	1

Lab Sample ID: 880-37026-10 **Matrix: Solid**

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:16	12/20/23 18:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:16	12/20/23 18:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:16	12/20/23 18:26	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/18/23 13:16	12/20/23 18:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:16	12/20/23 18:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/18/23 13:16	12/20/23 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	222	S1+	70 - 130				12/18/23 13:16	12/20/23 18:26	1
1,4-Difluorobenzene (Surr)	87		70 - 130				12/18/23 13:16	12/20/23 18:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00396 U 0.00396 12/20/23 18:26 mg/Kg

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

MDL Unit Analyte Result Qualifier RLD Prepared Analyzed Dil Fac Total TPH <50.1 U 50.1 mg/Kg 12/17/23 04:58

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

Michiga. Offoro ou lob Min - Dica	ici italige Orge	iiiica (Bito)	(30)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/15/23 22:47	12/17/23 04:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/15/23 22:47	12/17/23 04:58	1
Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/23 22:47	12/17/23 04:58	1
Total TPH	<50.1	U	50.1		mg/Kg		12/15/23 22:47	12/17/23 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				12/15/23 22:47	12/17/23 04:58	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Solul	ole							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	281	24.9		ma/Ka			12/18/23 17:53	5	

70 - 130

135 S1+

Eurofins Midland

12/17/23 04:58

12/15/23 22:47

o-Terphenyl

Surrogate Summary

Client: Carmona Resources Job ID: 880-37026-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-37026-1	H-1 (0-0.5)	192 S1+	78	
880-37026-1 MS	H-1 (0-0.5)	244 S1+	69 S1-	
880-37026-1 MSD	H-1 (0-0.5)	184 S1+	96	
880-37026-2	H-2 (0-0.5)	225 S1+	100	
880-37026-3	H-3 (0-0.5)	230 S1+	106	
880-37026-4	H-4 (0-0.5)	256 S1+	99	
880-37026-5	H-5 (0-0.5)	266 S1+	107	
880-37026-6	H-6 (0-0.5)	241 S1+	91	
880-37026-7	H-7 (0-0.5)	283 S1+	105	
880-37026-8	H-8 (0-0.5)	174 S1+	80	
880-37026-9	H-9 (0-0.5)	178 S1+	82	
880-37026-10	H-10 (0-0.5)	222 S1+	87	
LCS 880-69313/1-A	Lab Control Sample	203 S1+	93	
LCSD 880-69313/2-A	Lab Control Sample Dup	190 S1+	79	
MB 880-69313/5-A	Method Blank	114	80	
Surrogate Legend				
BFB = 4-Bromofluorobe	nzene (Surr)			
DFBZ = 1,4-Difluoroben	zene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

ilati ixi oolia				. 100 13601 1010
-				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-37026-1	H-1 (0-0.5)	142 S1+	152 S1+	
880-37026-2	H-2 (0-0.5)	136 S1+	142 S1+	
880-37026-3	H-3 (0-0.5)	155 S1+	168 S1+	
880-37026-4	H-4 (0-0.5)	149 S1+	164 S1+	
880-37026-5	H-5 (0-0.5)	148 S1+	156 S1+	
880-37026-6	H-6 (0-0.5)	132 S1+	136 S1+	
880-37026-7	H-7 (0-0.5)	133 S1+	139 S1+	
880-37026-8	H-8 (0-0.5)	134 S1+	138 S1+	
880-37026-9	H-9 (0-0.5)	137 S1+	146 S1+	
880-37026-10	H-10 (0-0.5)	128	135 S1+	
880-37028-A-61-C MS	Matrix Spike	58 S1-	50 S1-	
880-37028-A-61-D MSD	Matrix Spike Duplicate	106	100	
LCS 880-69258/2-A	Lab Control Sample	102	114	
LCSD 880-69258/3-A	Lab Control Sample Dup	100	118	
MB 880-69258/1-A	Method Blank	102	115	
Surrogate Legend				
1CO = 1-Chlorooctane				
OTPH = o-Terphenyl				

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Client: Carmona Resources Job ID: 880-37026-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-69313/5-A

Lab Sample ID: LCS 880-69313/1-A

Matrix: Solid Analysis Batch: 69426 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69313

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/23 13:16	12/20/23 11:58	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	12/18/23 13:1	6 12/20/23 11:58	1
1,4-Difluorobenzene (Surr)	80		70 - 130	12/18/23 13:1	6 12/20/23 11:58	1

Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA Analysis Batch: 69426 Prep Batch: 69313 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1053 mg/Kg 105 70 - 130

Toluene 0.100 0.1105 mg/Kg 111 70 - 130 0.100 Ethylbenzene 0.1109 mg/Kg 111 70 - 130 0.200 0.2090 104 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.1190 70 - 130 o-Xylene mg/Kg 119

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 69426

Lab Sample ID: LCSD 880-69313/2-A

Prep Type: Total/NA Prep Batch: 69313

	Spike	LCSD L	LCSD				%Rec		RPD
Analyte	Added	Result C	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1026		mg/Kg		103	70 - 130	3	35
Toluene	0.100	0.1123		mg/Kg		112	70 - 130	2	35
Ethylbenzene	0.100	0.1091		mg/Kg		109	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2385		mg/Kg		119	70 - 130	13	35
o-Xylene	0.100	0.1240		mg/Kg		124	70 - 130	4	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	190	S1+	70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: 880-37026-1 MS

Matrix: Solid

Analysis Batch: 69426

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

Prep Type: Total/NA

Prep Batch: 69313

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U F2	0.0990	0.1098		mg/Kg		111	70 - 130	
Toluene	<0.00201	U	0.0990	0.1157		mg/Kg		117	70 - 130	

Lab Sample ID: 880-37026-1 MS

70 - 130

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

Prep Type: Total/NA

Prep Batch: 69258

131

QC Sample Results

Job ID: 880-37026-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

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

<0.00201 U F2 F1

Client Sample ID: H-1 (0-0.5) **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 69426 Prep Batch: 69313 Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits D <0.00201 U F2 F1 0.0990 0.1161 117 70 - 130 Ethylbenzene mg/Kg 0.198 m-Xylene & p-Xylene <0.00402 U F2 0.2205 mg/Kg 111 70 - 130

0.1297 F1

mg/Kg

0.0990

MS MS %Recovery Surrogate Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 244 S1+ 1,4-Difluorobenzene (Surr) 69 S1-70 - 130

Lab Sample ID: 880-37026-1 MSD

Matrix: Solid

o-Xylene

Analysis Batch: 69426 Prep Batch: 69313 Sample Sample Spike MSD MSD RPD %Rec RPD Limit Result Qualifier Added Result Qualifier Limits Analyte Unit Benzene <0.00201 UF2 0.0990 0.07435 F2 mg/Kg 75 70 - 130 38 35 Toluene <0.00201 U 0.0990 0.08125 mg/Kg 82 70 - 130 35 35 <0.00201 U F2 F1 0.0990 0.06586 F2 F1 67 70 - 130 55 35 Ethylbenzene mg/Kg m-Xylene & p-Xylene <0.00402 UF2 0.198 0.1381 F2 mg/Kg 70 70 - 130 46 35 70 - 130 0.0990 0.07859 F2 79 o-Xylene <0.00201 UF2F1 mg/Kg 49 35

MSD MSD Qualifier Limits Surrogate %Recovery 4-Bromofluorobenzene (Surr) 184 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 70 - 130 96

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

Lab Sample ID: MB 880-69258/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 69261

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1

MB MB Qualifier Dil Fac Surrogate %Recovery Limits Prepared Analyzed 102 70 - 130 12/15/23 22:46 12/16/23 20:02 1-Chlorooctane o-Terphenyl 115 70 - 130 12/15/23 22:46 12/16/23 20:02

Lab Sample ID: LCS 880-69258/2-A

Matrix: Solid

Analysis Batch: 69261 Prep Batch: 69258 LCS LCS Spike %Rec Added Analyte Result Qualifier Unit %Rec Limits 1000 1037 104 70 - 130 Gasoline Range Organics mg/Kg

(GRO)-C6-C10

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

QC Sample Results

Client: Carmona Resources Job ID: 880-37026-1 SDG: Lea Co. NM Project/Site: Paduca Main

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

Lab Sample ID: LCS 880-69258/2-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA Analysis Batch: 69261 Prep Batch: 69258

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics (Over	 1000	963.2		mg/Kg	_	96	70 - 130	·
C10-C28)								

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-69258/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 69261 Prep Batch: 69258

Spike LCSD LCSD %Rec RPD Added Result Qualifier Limit Analyte Unit %Rec Limits RPD Gasoline Range Organics 1000 993.8 99 70 - 130 mg/Kg (GRO)-C6-C10

874.0

mg/Kg

87

70 - 130

10

Prep Type: Total/NA Prep Batch: 69258

1000

Diesel Range Organics (Over C10-C28)

	LCSD L	CSD	
Surrogate	%Recovery Q	ualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 880-37028-A-61-C MS Client Sample ID: Matrix Spike

Matrix: Solid

Analysis Batch: 69261

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.9	U F1 F2	1010	435.7	F1	mg/Kg		42	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.9	U F1 F2	1010	444.4	F1	mg/Kg		40	70 - 130	
C10 C28)										

	1110	III O			
Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane	58	S1-	70 - 130		
o-Terphenyl	50	S1-	70 - 130		

Lab Sample ID: 880-37028-A-61-D MSD

Matrix: Solid

Analysis Batch: 69261

•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9	U F1 F2	1010	862.0	F2	mg/Kg		84	70 - 130	66	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.9	U F1 F2	1010	885.6	F2	mg/Kg		84	70 - 130	66	20
C10-C28)											

	MSD	MSD		
Surrogate	%Recovery	Qualifier	Limits	
1-Chlorooctane	106		70 - 130	
o-Terphenyl	100		70 - 130	

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20

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 69258 Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37026-1 SDG: Lea Co. NM

Prep Type: Soluble

Client Sample ID: Method Blank

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

Prep Type: Soluble

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69239/1-A

Matrix: Solid

Analysis Batch: 69309

MB MB

Dil Fac MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 12/18/23 16:16

Lab Sample ID: LCS 880-69239/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69309

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 262.4 mg/Kg 105 90 - 110

Lab Sample ID: LCSD 880-69239/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69309

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 257.2 90 - 110 mg/Kg 103

Lab Sample ID: 880-37026-9 MS Client Sample ID: H-9 (0-0.5) **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69309

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 7.20 251 258.2 100 90 - 110 mg/Kg

Lab Sample ID: 880-37026-9 MSD

Matrix: Solid

Analysis Batch: 69309

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 251 7.20 252.9 mg/Kg 98 90 - 110 20

QC Association Summary

Client: Carmona Resources

Job ID: 880-37026-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA

Prep Batch: 69313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37026-1	H-1 (0-0.5)	Total/NA	Solid	5035	
880-37026-2	H-2 (0-0.5)	Total/NA	Solid	5035	
880-37026-3	H-3 (0-0.5)	Total/NA	Solid	5035	
880-37026-4	H-4 (0-0.5)	Total/NA	Solid	5035	
880-37026-5	H-5 (0-0.5)	Total/NA	Solid	5035	
880-37026-6	H-6 (0-0.5)	Total/NA	Solid	5035	
880-37026-7	H-7 (0-0.5)	Total/NA	Solid	5035	
880-37026-8	H-8 (0-0.5)	Total/NA	Solid	5035	
880-37026-9	H-9 (0-0.5)	Total/NA	Solid	5035	
880-37026-10	H-10 (0-0.5)	Total/NA	Solid	5035	
MB 880-69313/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69313/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69313/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37026-1 MS	H-1 (0-0.5)	Total/NA	Solid	5035	
880-37026-1 MSD	H-1 (0-0.5)	Total/NA	Solid	5035	

Analysis Batch: 69426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37026-1	H-1 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-2	H-2 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-3	H-3 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-4	H-4 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-5	H-5 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-6	H-6 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-7	H-7 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-8	H-8 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-9	H-9 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-10	H-10 (0-0.5)	Total/NA	Solid	8021B	69313
MB 880-69313/5-A	Method Blank	Total/NA	Solid	8021B	69313
LCS 880-69313/1-A	Lab Control Sample	Total/NA	Solid	8021B	69313
LCSD 880-69313/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69313
880-37026-1 MS	H-1 (0-0.5)	Total/NA	Solid	8021B	69313
880-37026-1 MSD	H-1 (0-0.5)	Total/NA	Solid	8021B	69313

Analysis Batch: 69503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37026-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	-
880-37026-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
880-37026-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
880-37026-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
880-37026-5	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	
880-37026-6	H-6 (0-0.5)	Total/NA	Solid	Total BTEX	
880-37026-7	H-7 (0-0.5)	Total/NA	Solid	Total BTEX	
880-37026-8	H-8 (0-0.5)	Total/NA	Solid	Total BTEX	
880-37026-9	H-9 (0-0.5)	Total/NA	Solid	Total BTEX	
880-37026-10	H-10 (0-0.5)	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-37026-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA

Prep Batch: 69258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37026-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-5	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-6	H-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-7	H-7 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-8	H-8 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-9	H-9 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-37026-10	H-10 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-69258/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69258/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-37028-A-61-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-37028-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 69261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37026-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-5	H-5 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-6	H-6 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-7	H-7 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-8	H-8 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-9	H-9 (0-0.5)	Total/NA	Solid	8015B NM	69258
880-37026-10	H-10 (0-0.5)	Total/NA	Solid	8015B NM	69258
MB 880-69258/1-A	Method Blank	Total/NA	Solid	8015B NM	69258
LCS 880-69258/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69258
LCSD 880-69258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69258
880-37028-A-61-C MS	Matrix Spike	Total/NA	Solid	8015B NM	69258
880-37028-A-61-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	69258

Analysis Batch: 69324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37026-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-5	H-5 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-6	H-6 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-7	H-7 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-8	H-8 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-9	H-9 (0-0.5)	Total/NA	Solid	8015 NM	
880-37026-10	H-10 (0-0.5)	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona ResourcesJob ID: 880-37026-1Project/Site: Paduca MainSDG: Lea Co. NM

HPLC/IC

Leach Batch: 69239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37026-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	_
880-37026-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-5	H-5 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-6	H-6 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-7	H-7 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-8	H-8 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-9	H-9 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-10	H-10 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-69239/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69239/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69239/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37026-9 MS	H-9 (0-0.5)	Soluble	Solid	DI Leach	
880-37026-9 MSD	H-9 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 69309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37026-1	H-1 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-2	H-2 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-3	H-3 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-4	H-4 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-5	H-5 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-6	H-6 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-7	H-7 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-8	H-8 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-9	H-9 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-10	H-10 (0-0.5)	Soluble	Solid	300.0	69239
MB 880-69239/1-A	Method Blank	Soluble	Solid	300.0	69239
LCS 880-69239/2-A	Lab Control Sample	Soluble	Solid	300.0	69239
LCSD 880-69239/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69239
880-37026-9 MS	H-9 (0-0.5)	Soluble	Solid	300.0	69239
880-37026-9 MSD	H-9 (0-0.5)	Soluble	Solid	300.0	69239

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Job ID: 880-37026-1 SDG: Lea Co. NM

Lab Sample ID: 880-37026-1

Matrix: Solid

Matrix: Solid

Client Sample ID: H-1 (0-0.5) Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 12:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			69324	12/17/23 01:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 01:51	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 16:50	CH	EET MID

Client Sample ID: H-2 (0-0.5) Lab Sample ID: 880-37026-2 Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 12:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			69324	12/17/23 02:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 02:11	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 16:55	CH	EET MID

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

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 13:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			69324	12/17/23 02:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 02:32	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 16:59	CH	EET MID

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

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 13:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 13:42	SM	EET MID

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Lab Sample ID: 880-37026-3 **Matrix: Solid**

Matrix: Solid

Lab Sample ID: 880-37026-4

Job ID: 880-37026-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-37026-4

Matrix: Solid

Client Sample ID: H-4 (0-0.5) Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69324	12/17/23 02:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 02:53	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 17:14	CH	EET MID

Lab Sample ID: 880-37026-5 **Client Sample ID: H-5 (0-0.5) Matrix: Solid**

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 14:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			69324	12/17/23 03:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 03:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 17:19	CH	EET MID

Client Sample ID: H-6 (0-0.5) Lab Sample ID: 880-37026-6 Date Collected: 12/11/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 14:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			69324	12/17/23 03:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 03:34	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 17:24	CH	EET MID

Lab Sample ID: 880-37026-7 Client Sample ID: H-7 (0-0.5)

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 15:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 15:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			69324	12/17/23 03:55	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.95 g 1 uL	10 mL 1 uL	69258 69261	12/15/23 22:47 12/17/23 03:55	TKC SM	EET MID EET MID

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Matrix: Solid

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37026-1 SDG: Lea Co. NM

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

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37026-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 17:28	CH	EET MID

Client Sample ID: H-8 (0-0.5) Lab Sample ID: 880-37026-8

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 16:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			69324	12/17/23 04:15	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 04:15	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		1			69309	12/18/23 17:33	CH	EET MID

Client Sample ID: H-9 (0-0.5) Lab Sample ID: 880-37026-9

Date Collected: 12/11/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

Batch Dil Final Batch Initial Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 5.02 g 5 mL 69313 12/18/23 13:16 MNR **EET MID** Total/NA 8021B 5 mL 5 mL 12/20/23 18:01 MNR **EET MID** Analysis 69426 Total/NA Analysis Total BTEX 1 69503 12/20/23 18:01 SM **EET MID** Total/NA Analysis 8015 NM 1 69324 12/17/23 04:36 SM **EET MID** 9.99 g Total/NA Prep 8015NM Prep 10 mL 69258 12/15/23 22:47 TKC EET MID Total/NA Analysis **EET MID** 8015B NM 1 uL 1 uL 69261 12/17/23 04:36 SM Soluble Leach DI Leach 4.98 g 50 mL 69239 12/15/23 15:28 SMC EET MID Soluble Analysis 300.0 1 69309 12/18/23 17:38 CH **EET MID**

Client Sample ID: H-10 (0-0.5) Lab Sample ID: 880-37026-10

Date Received: 12/15/23 14:08

Date Collected: 12/11/23 00:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69503	12/20/23 18:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			69324	12/17/23 04:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 04:58	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69239	12/15/23 15:28	SMC	EET MID
Soluble	Analysis	300.0		5			69309	12/18/23 17:53	CH	EET MID

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Matrix: Solid

Lab Chronicle

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37026-1 SDG: Lea Co. NM

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-37026-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Laboratory: Eurofins Midland

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

uthority	Progr	am	Identification Number	Expiration Date
exas	NELA	·P	T104704400-23-26	06-30-24
• •	are included in this report, boos not offer certification.	ut the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
300.0		Solid	Chloride	
8015 NM		Solid	Total TPH	
8015B NM	8015NM Prep	Solid	Diesel Range Organics (O	ver C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics	(GRO)-C6-C10
8015B NM	8015NM Prep	Solid	OII Range Organics (Over	C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH	
8021B	5035	Solid	Benzene	
8021B	5035	Solid	Ethylbenzene	
8021B	5035	Solid	m-Xylene & p-Xylene	
8021B	5035	Solid	o-Xylene	
8021B	5035	Solid	Toluene	
8021B	5035	Solid	Xylenes, Total	
Total BTEX		Solid	Total BTEX	

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Method Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37026-1 SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

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H-9 (0-0.5)

H-10 (0-0.5)

Sample Summary

Client: Carmona Resources Project/Site: Paduca Main

880-37026-9

880-37026-10

Job ID: 880-37026-1 SDG: Lea Co. NM

l ah Camula ID	Client Comple ID	Matrix	Callagtad	Descived
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-37026-1	H-1 (0-0.5)	Solid	12/11/23 00:00	12/15/23 14:08
880-37026-2	H-2 (0-0.5)	Solid	12/11/23 00:00	12/15/23 14:08
880-37026-3	H-3 (0-0.5)	Solid	12/11/23 00:00	12/15/23 14:08
880-37026-4	H-4 (0-0.5)	Solid	12/11/23 00:00	12/15/23 14:08
880-37026-5	H-5 (0-0.5)	Solid	12/11/23 00:00	12/15/23 14:08
880-37026-6	H-6 (0-0.5)	Solid	12/11/23 00:00	12/15/23 14:08
880-37026-7	H-7 (0-0.5)	Solid	12/11/23 00:00	12/15/23 14:08
880-37026-8	H-8 (0-0.5)	Solid	12/11/23 00:00	12/15/23 14:08

12/11/23 00:00

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12/15/23 14:08 12/15/23 14:08

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Solid

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Page 29 of 30



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29 of 30	Sample Ider			Date	Time	Soil	Water	Comp	Cont		-													Sampl	e Comment	s
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Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-37026-1 SDG Number: Lea Co. NM

Login Number: 37026 **List Source: Eurofins Midland**

List Number: 1

Creator: Rodriguez, Leticia

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

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500

Midland, Texas 79701 Generated 12/22/2023 2:39:06 PM

JOB DESCRIPTION

Paduca Main Lea Co. NM

JOB NUMBER

880-37028-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 12/22/2023 2:39:06 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 4

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Client: Carmona Resources
Project/Site: Paduca Main

Laboratory Job ID: 880-37028-1 SDG: Lea Co. NM

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Definitions/Glossary

Job ID: 880-37028-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier

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

Qualifier Description

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 Percent Recovery

%R CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dilution Factor Dil Fac

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)

Estimated Detection Limit (Dioxin) **EDL** LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE) MCI 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

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)

Definitions/Glossary

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: Carmona Resources

Job ID: 880-37028-1

Project: Paduca Main

Eurofins Midland Job ID: 880-37028-1

Job Narrative 880-37028-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 12/15/2023 2:08 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 -7.5°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1.0') (880-37028-1), T-1 (1.5') (880-37028-2), T-1 (2.0') (880-37028-3), T-2 (0-1.0') (880-37028-4), T-2 (1.5') (880-37028-5), T-2 (2') (880-37028-6), T-2 (3') (880-37028-7), T-2 (4') (880-37028-8), T-2 (5') (880-37028-9), T-2 (6') (880-37028-10), T-2 (7') (880-37028-11), T-2 (8') (880-37028-12), T-2`(9') (880-37028-13), T-2`(10') (880-37028-14), T-2`(12') (880-37028-15), T-2`(11') (880-37028-16), T-3 (0-1') (880-37028-17), T-3 (1.5') (880-37028-18), T-3 (2') (880-37028-19), T-3 (3') (880-37028-20), T-3 (4') (880-37028-21), T-3 (5') (880-37028-22), T-3 (6') (880-37028-23), T-3 (7') (880-37028-24), T-4 (0-1.0') (880-37028-25), T-4 (1.5') (880-37028-26), T-4 (2') (880-37028-27), T-4 (3') (880-37028-28), T-4 (4') (880-37028-29), T-4 (5') (880-37028-30), T-4 (6') (880-37028-31), T-4 (7') (880-37028-32), T-4 (8') (880-37028-33), T-4 (9') (880-37028-34), T-4 (10') (880-37028-35), T-4 (11') (880-37028-36), T-4 (12') (880-37028-37), T-5 (0-1.0') (880-37028-38), T-5 (1.5') (880-37028-39), T-5 (2') (880-37028-40), T-5 (3') (880-37028-41), T-5 (4') (880-37028-42), T-5 (5') (880-37028-43), T-5 (6') (880-37028-44), T-5 (7') (880-37028-45), T-5 (8') (880-37028-46), T-5 (9') (880-37028-47), T-5 (10') (880-37028-48), T-5 (11') (880-37028-49), T-6 (0-1.0') (880-37028-50), T-6 (1.5') (880-37028-51), T-6 (2') (880-37028-52), T-6 (3') (880-37028-53), T-6 (4') (880-37028-54), T-6 (5') (880-37028-55), T-6 (6') (880-37028-56), T-7 (0-1.0') (880-37028-62), T-7 (1.5') (880-37028-63), T-7 (2') (880-37028-69), T-7 (3') (880-37028-60), T-7 (4') (880-37028-61), T-8 (0-1.0') (880-37028-62), T-8 (1.5') (880-37028-63), T-8 (2') (880-37028-64), T-8 (3') (880-37028-65), T-8 (4') (880-37028-66), T-8 (5') (880-37028-67) and T-8 (6') (880-37028-68).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-69271/16), (CCV 880-69271/2), (CCV 880-69271/47), (LCS 880-69291/1-A) and (LCSD 880-69291/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-1 (0-1.0') (880-37028-1), T-1 (1.5') (880-37028-2), T-1 (2.0') (880-37028-3), T-2 (0-1.0') (880-37028-4), T-2 (1.5') (880-37028-5), T-2 (3') (880-37028-7), T-2 (4') (880-37028-8), T-2 (5') (880-37028-9), T-2 (6') (880-37028-10), T-2 (7') (880-37028-11), T-2 (8') (880-37028-12), T-2 (9') (880-37028-13), T-2 (10') (880-37028-14), T-2 (12') (880-37028-15), T-2 (11') (880-37028-16), T-3 (0-1') (880-37028-17), T-3 (1.5') (880-37028-18), T-3 (2') (880-37028-19), T-3 (3') (880-37028-20), (880-37028-A-1-E MS) and (880-37028-A-1-F MSD). 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) precision for preparation batch 880-69291 and analytical batch 880-69271 was outside control limits. Sample non-homogeneity is suspected.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-3 (4') (880-37028-21), T-3 (5') (880-37028-22), T-3 (6') (880-37028-23), T-3 (7') (880-37028-24), T-4 (0-1.0') (880-37028-25), T-4 (1.5') (880-37028-26), T-4 (2') (880-37028-27), T-4 (3') (880-37028-28), T-4 (4') (880-37028-29), T-4 (5') (880-37028-30), T-4 (6') (880-37028-31), T-4 (7') (880-37028-32), T-4 (8') (880-37028-33), T-4 (9') (880-37028-34), T-4 (10') (880-37028-35), T-4 (11') (880-37028-36), T-7 (4') (880-37028-61), T-8 (0-1.0') (880-37028-62), T-8 (1.5') (880-37028-63), T-8 (2') (880-37028-64), T-8 (3') (880-37028-65), T-8 (4') (880-37028-66), T-8 (5') (880-37028-67), T-8 (6') (880-37028-68), (CCV 880-69426/33), (CCV 880-69426/51), (LCS 880-69292/1-A) and (LCSD 880-69292/2-A). 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 880-69292 and analytical

Case Narrative

Client: Carmona Resources Job ID: 880-37028-1 Project: Paduca Main

Job ID: 880-37028-1 (Continued)

Eurofins Midland

batch 880-69426 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: (CCV 880-69426/2), (CCV 880-69426/20), (LCS 880-69313/1-A) and (LCSD 880-69313/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-4 (12') (880-37028-37), T-5 (0-1.0') (880-37028-38), T-5 (1.5') (880-37028-39) and T-5 (2') (880-37028-40). Evidence of matrix interference is present; therefore, reextraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-69312/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-5 (8') (880-37028-46), T-5 (10') (880-37028-48), T-6 (4') (880-37028-54), T-7 (0-1.0') (880-37028-57), T-7 (3') (880-37028-60) and (880-37028-A-41-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-69253 and 880-69255 and analytical batch 880-69259 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-1 (0-1.0') (880-37028-1), T-1 (1.5') (880-37028-2), T-1 (2.0') (880-37028-3), T-2 (0-1.0') (880-37028-4), T-2 (1.5') (880-37028-5), T-2 (2') (880-37028-6), T-2 (3') (880-37028-7), T-2 (4') (880-37028-8), T-2 (5') (880-37028-9), T-2 (6') (880-37028-10), T-2 (7') (880-37028-11), T-2 (8') (880-37028-12), T-2 (9') (880-37028-13), T-2 (10') (880-37028-14), T-2 (12') (880-37028-15), T-2 (11') (880-37028-16), T-3 (0-1') (880-37028-17), T-3 (1.5') (880-37028-18), T-3 (2') (880-37028-19), T-3 (3') (880-37028-20), T-3 (4') (880-37028-21), T-3 (5') (880-37028-22), T-3 (6') (880-37028-23), T-3 (7') (880-37028-24), T-4 (0-1.0') (880-37028-25), T-4 (1.5') (880-37028-26), T-4 (2') (880-37028-27), T-4 (3') (880-37028-28), T-4 (4') (880-37028-29), T-4 (5') (880-37028-30), T-4 (6') (880-37028-31), T-4 (7') (880-37028-32), T-4 (8') (880-37028-33), T-4 (9') (880-37028-34), T-4 (10') (880-37028-35), T-4 (11') (880-37028-36), T-4 (12') (880-37028-37), T-5 (0-1.0') (880-37028-38), T-5 (1.5') (880-37028-39), T-5 (2') (880-37028-40), (880-37028-A-2-B MS), (880-37028-A-2-C MSD), (880-37028-A-21-C MS) and (880-37028-A-21-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-69255 and analytical batch 880-69259 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-69255 and analytical batch 880-69259 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 and precision for preparation batch 880-69253 and analytical batch 880-69259 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-69256 and analytical batch 880-69261 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-5 (3') (880-37028-41), T-5 (5') (880-37028-43), T-5 (6') (880-37028-44), T-5 (7') (880-37028-45), T-5 (8') (880-37028-46), T-5 (10') (880-37028-48), T-6 (4') (880-37028-54), T-6 (5') (880-37028-55), T-7 (2') (880-37028-59), T-8 (0-1.0') (880-37028-62), T-8 (1.5') (880-37028-63), T-8 (2') (880-37028-64), T-8 (3') (880-37028-65), T-8 (4') (880-37028-66), T-8 (5') (880-37028-67), T-8 (6') (880-37028-68) and (880-37028-A-61-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-69256/3-A). Evidence of matrix interferences is not obvious.

Eurofins Midland

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Case Narrative

Client: Carmona Resources Project: Paduca Main

Job ID: 880-37028-1

Job ID: 880-37028-1 (Continued)

Eurofins Midland

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-69256 and analytical batch 880-69261 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD NM: The matrix spike (MS) recoveries for preparation batch 880-69258 and analytical batch 880-69261 were below control limits due to an incorrect spike amount added. The associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-69258 and analytical batch 880-69261 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

HPLC/IC

Method 300 ORGFM 28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-69243 and 880-69243 and analytical batch 880-69319 were outside control limits. Sample matrix interference and/or nonhomogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300 ORGFM 28D: The continuing calibration blank (CCB) for analytical batch 880-69318 contained Chloride above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

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

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

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

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-1

Matrix: Solid

Analyzed	Dil Fac	į
2/18/23 18:49	1	
/18/23 18:49	1	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 18:49	1
Toluene	< 0.00199	U F2	0.00199		mg/Kg		12/18/23 09:52	12/18/23 18:49	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 18:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/18/23 18:49	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 18:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/18/23 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		S1+	70 - 130				12/18/23 09:52	12/18/23 18:49	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/18/23 09:52	12/18/23 18:49	1
- Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/18/23 18:49	1
Method: SW846 8015 NM - Diese			•						
Analyte	Result	ics (DRO) (Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
			•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/17/23 03:34	Dil Fac
Analyte	Result 205 sel Range Orga	Qualifier nics (DRO)	RL 49.8	MDL		<u> </u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte	Result 205 sel Range Orga Result	Qualifier nics (DRO) Qualifier	RL 49.8	MDL	mg/Kg	<u>D</u>	Prepared Prepared		
Analyte Total TPH Method: SW846 8015B NM - Die	Result 205 sel Range Orga	Qualifier nics (DRO) Qualifier	RL 49.8		mg/Kg		· · ·	12/17/23 03:34	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result 205 sel Range Orga Result	Qualifier nics (DRO) Qualifier	(GC)		mg/Kg		Prepared	12/17/23 03:34 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result 205 sel Range Orga Result <49.8	Qualifier nics (DRO) Qualifier U	(GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 12/15/23 17:22	12/17/23 03:34 Analyzed 12/17/23 03:34	1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 205 sel Range Orga Result <49.8 205	Qualifier nics (DRO) Qualifier U	RL 49.8 (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 17:22 12/15/23 17:22	12/17/23 03:34 Analyzed 12/17/23 03:34 12/17/23 03:34	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result 205	Qualifier nics (DRO) Qualifier U	RL 49.8 (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22	12/17/23 03:34 Analyzed 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	Result 205 sel Range Orga Result < 49.8 205 49.8 205	Qualifier nics (DRO) Qualifier U	RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22	Analyzed 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate	Result 205	Qualifier nics (DRO) Qualifier U	RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 Prepared	Analyzed 12/17/23 03:34 2/17/23 03:34 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 Analyzed	1 Dil Face 1 1 1 1 1
Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	Result 205	Qualifier Dics (DRO) Qualifier U Qualifier S1+ S1+	RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 Prepared 12/15/23 17:22	Analyzed 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 12/17/23 03:34 Analyzed 12/17/23 03:34	Dil Fac 1 1 Dil Fac 1 1 Dil Fac

Client Sample ID: T-1 (1.5') Lab Sample ID: 880-37028-2 Date Collected: 12/11/23 00:00

10800

98

Matrix: Solid

12/18/23 23:56

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

Michiga. Offoro COZ ID - folati	ne organie oomp	ounus (CC)	,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 19:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 19:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 09:52	12/18/23 19:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 19:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 09:52	12/18/23 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		S1+	70 - 130				12/18/23 09:52	12/18/23 19:16	

101

mg/Kg

Eurofins Midland

12/18/23 19:16

12/18/23 09:52

70 - 130

Chloride

Date Received: 12/15/23 14:08

1,4-Difluorobenzene (Surr)

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-1 (1.5')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/18/23 19:16	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/16/23 21:12	
- Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.5	U F2	50.5		mg/Kg		12/15/23 17:22	12/16/23 21:12	
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U F1 F2	50.5		mg/Kg		12/15/23 17:22	12/16/23 21:12	
C10-C28)									
OII Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/16/23 21:12	1
Total TPH	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/16/23 21:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	144	S1+	70 - 130				12/15/23 17:22	12/16/23 21:12	-
o-Terphenyl	113		70 - 130				12/15/23 17:22	12/16/23 21:12	•
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	830		5.01		mg/Kg			12/19/23 00:01	

Client Sample ID: T-1 (2.0') Lab Sample ID: 880-37028-3

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/18/23 19:42	
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/18/23 19:42	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/18/23 19:42	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 09:52	12/18/23 19:42	
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/18/23 19:42	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 09:52	12/18/23 19:42	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				12/18/23 09:52	12/18/23 19:42	
1,4-Difluorobenzene (Surr)	98		70 - 130				12/18/23 09:52	12/18/23 19:42	
Method: TAL SOP Total BTEX	T-4-L DTEV O-L								
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte Total BTEX		Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/18/23 19:42	Dil Fa
Analyte Total BTEX	Result <0.00402	Qualifier U	0.00402	MDL		<u>D</u>	Prepared		Dil Fa
Analyte Total BTEX Method: SW846 8015 NM - Die	Result <0.00402 esel Range Organ	Qualifier U	0.00402	MDL		<u>D</u>	Prepared Prepared		
Analyte	Result <0.00402 esel Range Organ	Qualifier U ics (DRO) (Qualifier	0.00402 GC)		mg/Kg		<u> </u>	12/18/23 19:42	Dil Fa
Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	Result <0.00402 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	0.00402 GC) RL 49.9		mg/Kg		<u> </u>	12/18/23 19:42 Analyzed	
Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	esel Range Organ Result <49.9 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier U	0.00402 GC) RL 49.9		mg/Kg Unit mg/Kg		<u> </u>	12/18/23 19:42 Analyzed	

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-1 (2.0')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		12/15/23 17:22	12/16/23 22:19	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/23 17:22	12/16/23 22:19	1
Total TPH	<49.9	U	49.9		mg/Kg		12/15/23 17:22	12/16/23 22:19	1
Survey made	9/ D agayamı	Ovelifier	Limita				Dramavad	Analysis	Dil 5

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	1-Chlorooctane	175	S1+	70 - 130	12/15/23 17:22	12/16/23 22:19	1
	o-Terphenyl	135	S1+	70 - 130	12/15/23 17:22	12/16/23 22:19	1
1	<u> </u>						

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	245	5.02	mg/Kg			12/19/23 00:06	1

Client Sample ID: T-2 (0-1.0') Lab Sample ID: 880-37028-4 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200 U		0.00200		mg/Kg		12/18/23 09:52	12/18/23 20:08	1
Toluene	<0.00200 l	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 20:08	1
Ethylbenzene	<0.00200 l	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 20:08	1
m-Xylene & p-Xylene	<0.00401 l	U	0.00401		mg/Kg		12/18/23 09:52	12/18/23 20:08	1
o-Xylene	<0.00200 l	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 20:08	1
Xylenes, Total	<0.00401 l	U	0.00401		mg/Kg		12/18/23 09:52	12/18/23 20:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	d Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130	12/18/23 09	12/18/23 20:08	1
1,4-Difluorobenzene (Surr)	78		70 - 130	12/18/23 09	:52 12/18/23 20:08	1

Method: IAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00401	U	0.00401		mg/Kg			12/18/23 20:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	158	49.7	mg/Kg			12/17/23 04:15	1

Total TPH	158		49.7	m	ng/Kg			12/17/23 04:15	1
Method: SW846 8015B NM - Diesel	Range Organi	ics (DRO) (GC	;)						
Analyte	Result C	Qualifier	RL	MDL U	Init	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7 L	J	49.7	m	ng/Kg		12/15/23 17:22	12/17/23 04:15	1

Gasoline Range Organics	<49.7	U	49.7	mg/Kg	12/15/23 17:22	12/17/23 04:15	1
(GRO)-C6-C10							
Diesel Range Organics (Over	158		49.7	mg/Kg	12/15/23 17:22	12/17/23 04:15	1
C10-C28)							
Oll Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg	12/15/23 17:22	12/17/23 04:15	1
Total TPH	158		49.7	mg/Kg	12/15/23 17:22	12/17/23 04:15	1
				3 3			

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	178	S1+	70 - 130	12/15/23 17:22	12/17/23 04:15	1
o-Terphenyl	143	S1+	70 - 130	12/15/23 17:22	12/17/23 04:15	1

Client: Carmona Resources Job ID: 880-37028-1 SDG: Lea Co. NM Project/Site: Paduca Main

Client Sample ID: T-2 (0-1.0') Lab Sample ID: 880-37028-4

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RLMDL Unit Prepared Analyzed Dil Fac Chloride mg/Kg 12/19/23 00:11 12300 99.8

Client Sample ID: T-2 (1.5') Lab Sample ID: 880-37028-5 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 20:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 20:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 20:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/18/23 20:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 20:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/18/23 20:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130				12/18/23 09:52	12/18/23 20:35	1
1,4-Difluorobenzene (Surr)	72		70 - 130				12/18/23 09:52	12/18/23 20:35	1

Method: IAL SOP Total BTEX - To	tal BIEX Calc	culation						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			12/18/23 20:35	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			12/16/23 22:41	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/16/23 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/16/23 22:41	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/16/23 22:41	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/16/23 22:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	183	S1+	70 - 130	12/15/23 17:22	12/16/23 22:41	1
o-Terphenyl	150	S1+	70 - 130	12/15/23 17:22	12/16/23 22:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	2250	24.9	mg/Kg			12/19/23 00:16	5

Client Sample ID: T-2 (2') Lab Sample ID: 880-37028-6 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL Ur	nit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	m ₍	g/Kg		12/18/23 09:52	12/18/23 21:01	1
Toluene	<0.00198	U	0.00198	m	g/Kg		12/18/23 09:52	12/18/23 21:01	1

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-2 (2')

Lab Sample ID: 880-37028-6 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:52	12/18/23 21:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/18/23 09:52	12/18/23 21:01	,
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:52	12/18/23 21:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/18/23 09:52	12/18/23 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	81		70 - 130				12/18/23 09:52	12/18/23 21:01	
1,4-Difluorobenzene (Surr)	77		70 - 130				12/18/23 09:52	12/18/23 21:01	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/18/23 21:01	1
Method: SW846 8015 NM - Diese	al Banga Organ	ico (DBO) (CC)						
	•	ics (DKO) (GC)						
Δnalvte	Result	Qualifier	RI	MDI	Unit	ח	Prenared	∆nalvzed	Dil Fac
Analyte Total TPH	Result <50.3	Qualifier U	RL	MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 12/16/23 23:02	
<u>·</u>	<50.3	U	50.3	MDL MDL	mg/Kg	D	Prepared Prepared		
Total TPH Method: SW846 8015B NM - Die	<50.3	unics (DRO) Qualifier	50.3 (GC)		mg/Kg	_ =		12/16/23 23:02	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte	<50.3 sel Range Orga Result	unics (DRO) Qualifier	50.3 (GC)		mg/Kg	_ =	Prepared	12/16/23 23:02 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics	<50.3 sel Range Orga Result	unics (DRO) Qualifier	50.3 (GC)		mg/Kg	_ =	Prepared	12/16/23 23:02 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.3 sel Range Orga Result <50.3	unics (DRO) Qualifier U	50.3 (GC) RL 50.3		mg/Kg Unit mg/Kg	_ =	Prepared 12/15/23 17:22	12/16/23 23:02 Analyzed 12/16/23 23:02	Dil Fac
Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.3 sel Range Orga Result <p><50.3</p> <50.3	unics (DRO) Qualifier U	50.3 (GC) RL 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 12/15/23 17:22 12/15/23 17:22	12/16/23 23:02 Analyzed 12/16/23 23:02 12/16/23 23:02	Dil Fac
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.3 sel Range Orga Result <50.3 <50.3 <50.3	unics (DRO) Qualifier U	50.3 (GC) RL 50.3 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22	Analyzed 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02	Dil Fac
Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3	Unics (DRO) Qualifier U U U	50.3 (GC) RL 50.3 50.3 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22	Analyzed 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02	Dil Fac
Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3 <50.3 %Recovery 186	U unics (DRO) Qualifier U U U Qualifier	50.3 (GC) RL 50.3 50.3 50.3 Limits		mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 Prepared	Analyzed 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3 <50.3 %Recovery 186 145	U U U U U Qualifier U U Qualifier S1+ S1+	50.3 (GC) RL 50.3 50.3 50.3 50.3 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 Prepared 12/15/23 17:22	Analyzed 12/16/23 23:02 Analyzed 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 Analyzed 12/16/23 23:02	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3 <80.3 *Recovery 186 145 1 Chromatograp	U U U U U Qualifier U U Qualifier S1+ S1+	50.3 (GC) RL 50.3 50.3 50.3 50.3 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 12/15/23 17:22 Prepared 12/15/23 17:22	Analyzed 12/16/23 23:02 Analyzed 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 Analyzed 12/16/23 23:02	Dil Face 1 Dil Face 1 Dil Face 1 Dil Face 1 Dil Face

Client Sample ID: T-2 (3') Lab Sample ID: 880-37028-7 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 21:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 21:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 21:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/18/23 21:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/18/23 21:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/18/23 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130				12/18/23 09:52	12/18/23 21:28	1
1,4-Difluorobenzene (Surr)	80		70 - 130				12/18/23 09:52	12/18/23 21:28	1

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-2 (3')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-7

Matrix: Solid

Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/18/23 21:28	1
- Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/16/23 23:23	1
- Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1		mg/Kg		12/15/23 17:22	12/16/23 23:23	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.1	U	50.1		mg/Kg		12/15/23 17:22	12/16/23 23:23	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/23 17:22	12/16/23 23:23	1
Total TPH	<50.1	U	50.1		mg/Kg		12/15/23 17:22	12/16/23 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	167	S1+	70 - 130				12/15/23 17:22	12/16/23 23:23	1
o-Terphenyl	131	S1+	70 - 130				12/15/23 17:22	12/16/23 23:23	1

Chloride 823 4.99 mg/Kg 12/19/23 01:19 Client Sample ID: T-2 (4') Lab Sample ID: 880-37028-8

RL

MDL Unit

D

Prepared

Analyzed

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Benzene <0.00200 U 0.00200 12/18/23 09:52 12/18/23 21:54 mg/Kg Toluene <0.00200 U 12/18/23 09:52 12/18/23 21:54 0.00200 mg/Kg Ethylbenzene <0.00200 U 0.00200 mg/Kg 12/18/23 09:52 12/18/23 21:54 m-Xylene & p-Xylene <0.00399 U 0.00399 mg/Kg 12/18/23 09:52 12/18/23 21:54 <0.00200 U 0.00200 12/18/23 21:54 o-Xylene mg/Kg 12/18/23 09:52 Xylenes, Total <0.00399 U 0.00399 mg/Kg 12/18/23 09:52 12/18/23 21:54 %Recovery Qualifier Limits Prepared Analyzed Dil Fac 184 S1+ 70 - 130 12/18/23 09:52 12/18/23 21:54 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 86 70 - 130 12/18/23 09:52 12/18/23 21:54

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00399	U	0.00399		mg/Kg			12/18/23 21:54	1

	Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
1	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Total TPH	<50.2	U	50.2		mg/Kg			12/16/23 23:44	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Gasoline Range Organics	<50.2	U	50.2		mg/Kg		12/15/23 17:22	12/16/23 23:44	1
	(GRO)-C6-C10									

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Dil Fac

Matrix: Solid

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37028-1 SDG: Lea Co. NM

Client Sample ID: T-2 (4')

Lab Sample ID: 880-37028-8

Matrix: Solid

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.2	U	50.2		mg/Kg		12/15/23 17:22	12/16/23 23:44	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/15/23 17:22	12/16/23 23:44	1
Total TPH	<50.2	U	50.2		mg/Kg		12/15/23 17:22	12/16/23 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	206	S1+	70 - 130				12/15/23 17:22	12/16/23 23:44	1
o-Terphenyl	173	S1+	70 - 130				12/15/23 17:22	12/16/23 23:44	1

Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed 25.3 12/19/23 00:59 Chloride 1850 F1 mg/Kg

Client Sample ID: T-2 (5')

Lab Sample ID: 880-37028-9 Date Collected: 12/11/23 00:00 Matrix: Solid

							Wati	ix. 00i
ile Organic Comp	ounds (GC))						
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/18/23 22:21	
<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/18/23 22:21	
<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/18/23 22:21	
<0.00402	U	0.00402		mg/Kg		12/18/23 09:52	12/18/23 22:21	
<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/18/23 22:21	
<0.00402	U	0.00402		mg/Kg		12/18/23 09:52	12/18/23 22:21	
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil F
186	S1+	70 - 130				12/18/23 09:52	12/18/23 22:21	
89		70 - 130				12/18/23 09:52	12/18/23 22:21	
- Total BTEX Cald	culation							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
<0.00402	U	0.00402		mg/Kg			12/18/23 22:21	
	Result <0.00201 <0.00201 <0.00201 <0.00201 <0.00402 <0.00201 <0.00402 <0.00402	Result Qualifier	County C	Result Qualifier RL MDL	Result Qualifier RL MDL Unit mg/Kg	Result Qualifier RL MDL Unit D	Result Qualifier RL MDL Unit D mg/Kg Prepared <0.00201 U	Result Qualifier RL MDL Unit D Prepared Analyzed

•									
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/18/23 22:21	1
Method: SW846 8015 NM - Diesel I	Range Organi	ics (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/17/23 00:06	1
Method: SW846 8015B NM - Diese	l Range Orga	nics (DRO) ((GC)						
Method: SW846 8015B NM - Diese Analyte	•	nics (DRO) (Qualifier	(<mark>GC)</mark> RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL _	MDL		<u>D</u>	<u>.</u>		Dil Fac
Analyte Gasoline Range Organics	•	Qualifier	•	MDL	Unit mg/Kg	<u>D</u>	Prepared 12/15/23 17:22	Analyzed 12/17/23 00:06	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10		Qualifier U	RL 49.7	MDL	mg/Kg	<u>D</u>	12/15/23 17:22	12/17/23 00:06	Dil Fac
Analyte Gasoline Range Organics	Result	Qualifier U	RL _	MDL		<u>D</u>	<u>.</u>		1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10		Qualifier U	RL 49.7	MDL	mg/Kg	<u>D</u>	12/15/23 17:22	12/17/23 00:06	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over		Qualifier U	RL 49.7	MDL	mg/Kg	<u>D</u>	12/15/23 17:22	12/17/23 00:06	1 1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.7	Qualifier U U	RL 49.7	MDL	mg/Kg	<u>D</u>	12/15/23 17:22 12/15/23 17:22	12/17/23 00:06 12/17/23 00:06	1 1 1 1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	175	S1+	70 - 130	12/15/23 17:22	12/17/23 00:06	1
o-Terphenyl	146	S1+	70 - 130	12/15/23 17:22	12/17/23 00:06	1

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-2 (5')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-9

Matrix: Solid

Method: EPA 300.0 - Anions, Ion C	hromatography -	- Soluble						
Analyte	Result Qua	alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3750	25.2		mg/Kg			12/19/23 01:14	5

Client Sample ID: T-2 (6')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-10

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 22:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 22:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 22:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/18/23 09:52	12/18/23 22:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 22:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/18/23 09:52	12/18/23 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				12/18/23 09:52	12/18/23 22:47	1
1,4-Difluorobenzene (Surr)	73		70 - 130				12/18/23 09:52	12/18/23 22:47	1

Method: TAL SOP Total BTEX - Tot	tal BTEX Cald	culation						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			12/18/23 22:47	1

Method: SW846 8015 NM - Diesel R	ange Organics (DRO) (GC	;)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			12/17/23 00:26	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		12/15/23 17:22	12/17/23 00:26	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		12/15/23 17:22	12/17/23 00:26	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/23 17:22	12/17/23 00:26	1
Total TPH	<49.9	U	49.9		mg/Kg		12/15/23 17:22	12/17/23 00:26	1
Surrogato	% Posovory	Qualifier	Limite				Bronarod	Analyzod	Dil Ess

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	200	S1+	70 - 130	12/15/23 17:	22 12/17/23 00:26	
o-Terphenyl	167	S1+	70 - 130	12/15/23 17:	22 12/17/23 00:26	1
_						

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3260	24.9	mg/Kg			12/19/23 01:23	5

Client Sample ID: T-2 (7')

Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile O	rganic Compo	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		12/18/23 09:52	12/19/23 00:32	1
Toluene	<0.00202	U	0.00202	mg/Kg		12/18/23 09:52	12/19/23 00:32	1

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12

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-2 (7')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:52	12/19/23 00:32	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/18/23 09:52	12/19/23 00:32	
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:52	12/19/23 00:32	,
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/18/23 09:52	12/19/23 00:32	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130				12/18/23 09:52	12/19/23 00:32	
1,4-Difluorobenzene (Surr)	83		70 - 130				12/18/23 09:52	12/19/23 00:32	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/19/23 00:32	
Mathada CM040 0045 NM Diag	. I Dames - O	: (DDO) (20)						
Method: SW846 8015 NM - Diese Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH			50.0	MIDL	mg/Kg		Prepared	12/17/23 00:48	DII Fac
10tal 1FH - -	\30.0	U	50.0		mg/Kg			12/11/23 00.46	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/17/23 00:48	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/17/23 00:48	
010-020)	450.0	U	50.0		mg/Kg		12/15/23 17:22	12/17/23 00:48	
Oll Range Organics (Over C28-C36)	<50.0				0 0				
Oll Range Organics (Over C28-C36) Total TPH	<50.0 <50.0	U	50.0		mg/Kg		12/15/23 17:22	12/17/23 00:48	
			50.0 Limits		mg/Kg		12/15/23 17:22 Prepared	12/17/23 00:48 Analyzed	
Total TPH	<50.0				mg/Kg				Dil Fa
Total TPH Surrogate	<50.0 %Recovery 171	Qualifier	Limits		mg/Kg		Prepared	Analyzed	Dil Fa
Total TPH Surrogate 1-Chlorooctane	<50.0 %Recovery 171 141	Qualifier S1+ S1+	Limits 70 - 130 70 - 130		mg/Kg		Prepared 12/15/23 17:22	Analyzed 12/17/23 00:48	Dil Fa
Total TPH Surrogate 1-Chlorooctane o-Terphenyl	<50.0 **Recovery 171 141 Chromatograp	Qualifier S1+ S1+	Limits 70 - 130 70 - 130	MDL	mg/Kg	D	Prepared 12/15/23 17:22	Analyzed 12/17/23 00:48	Dil Fac

Client Sample ID: T-2 (8') Lab Sample ID: 880-37028-12 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/19/23 00:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/19/23 00:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/19/23 00:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/19/23 00:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/19/23 00:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/19/23 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		S1+	70 - 130				12/18/23 09:52	12/19/23 00:58	1
1,4-Difluorobenzene (Surr)	87		70 - 130				12/18/23 09:52	12/19/23 00:58	1

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-2 (8')

Lab Sample ID: 880-37028-12

12/19/23 01:43

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/19/23 00:58	1
- Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/17/23 04:36	1
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.3	U	50.3		mg/Kg		12/15/23 17:22	12/17/23 04:36	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.3	U	50.3		mg/Kg		12/15/23 17:22	12/17/23 04:36	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/15/23 17:22	12/17/23 04:36	1
Total TPH	<50.3	U	50.3		mg/Kg		12/15/23 17:22	12/17/23 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	221	S1+	70 - 130				12/15/23 17:22	12/17/23 04:36	1
o-Terphenyl	183	S1+	70 - 130				12/15/23 17:22	12/17/23 04:36	1
- Method: EPA 300.0 - Anions, Ion	Chromatogran	hv - Solub	le						
Analyte	• •	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac

24.8 Client Sample ID: T-2 (9') Lab Sample ID: 880-37028-13

mg/Kg

2330

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/19/23 01:24	
Toluene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/19/23 01:24	
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/19/23 01:24	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/19/23 01:24	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:52	12/19/23 01:24	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:52	12/19/23 01:24	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
		04:	70 - 130				12/18/23 09:52	12/19/23 01:24	
4-Bromofluorobenzene (Surr)	207	S1+	10 - 130				12/10/20 03:02	12/10/20 01.21	
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)	95	51+	70 - 130 70 - 130				12/18/23 09:52	12/19/23 01:24	
,	95 - Total BTEX Cald			MDL	Unit	D			Dil Fa
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	95 - Total BTEX Cald	culation Qualifier	70 - 130	MDL	Unit mg/Kg	<u>D</u>	12/18/23 09:52	12/19/23 01:24	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte	95 - Total BTEX Calc Result <0.00398	Qualifier U	70 - 130 RL 0.00398	MDL		<u>D</u>	12/18/23 09:52	12/19/23 01:24 Analyzed	Dil Fa
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did	95 - Total BTEX Calc Result <0.00398 essel Range Organ	Qualifier U	70 - 130 RL 0.00398		mg/Kg	<u>D</u>	12/18/23 09:52	12/19/23 01:24 Analyzed	
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX	95 - Total BTEX Calc Result <0.00398 essel Range Organ	Qualifier U ics (DRO) (Qualifier	70 - 130 RL 0.00398		mg/Kg		12/18/23 09:52 Prepared	12/19/23 01:24 Analyzed 12/19/23 01:24	Dil Fa
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte	2 - Total BTEX Calc Result <0.00398 Resel Range Organ Result <50.4	Qualifier U ics (DRO) (Qualifier U	70 - 130 RL 0.00398 GC) RL 50.4		mg/Kg		12/18/23 09:52 Prepared	Analyzed Analyzed Analyzed	
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	- Total BTEX Calc Result - 0.00398 esel Range Organ Result - 50.4 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier U	70 - 130 RL 0.00398 GC) RL 50.4		mg/Kg		12/18/23 09:52 Prepared	Analyzed Analyzed Analyzed	

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main SDG: Lea Co. NM Client Sample ID: T-2 (9') Lab Sample ID: 880-37028-13

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

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	<50.4	U	50.4		mg/Kg		12/15/23 17:22	12/17/23 01:09	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/15/23 17:22	12/17/23 01:09	1
Total TPH	<50.4	U	50.4		mg/Kg		12/15/23 17:22	12/17/23 01:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

	Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
	1-Chlorooctane	169	S1+	70 - 130	_	12/15/23 17:22	12/17/23 01:09	1
	o-Terphenyl	146	S1+	70 - 130	•	12/15/23 17:22	12/17/23 01:09	1
1	<u> </u>							

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		25.1		mg/Kg			12/19/23 01:48	5

Client Sample ID: T-2 (10') Lab Sample ID: 880-37028-14 Matrix: Solid

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 01:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 01:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 01:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 09:52	12/19/23 01:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 01:51	1
Xylenes, Total	< 0.00399	U	0.00399		mg/Kg		12/18/23 09:52	12/19/23 01:51	1

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	4-Bromofluorobenzene (Surr)	190	S1+	70 - 130	12/18/23 09:52	12/19/23 01:51	1
l	1,4-Difluorobenzene (Surr)	84		70 - 130	12/18/23 09:52	12/19/23 01:51	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg		_	12/19/23 01:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL U	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<50.5	11	50.5		ma/Ka			12/17/23 01:51	

Method:	SW846	8015R	NM	- Diesel	Range	Organics	(DRO)	(GC)	
i wetiiou.	311040	00130	IAIAI	- Diesei	Range	Organics	(UKU)	100	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/17/23 01:51	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/17/23 01:51	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/17/23 01:51	1
Total TPH	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/17/23 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	185	S1+	70 - 130	12/15/23 17:22	12/17/23 01:51	1
o-Terphenyl	147	S1+	70 - 130	12/15/23 17:22	12/17/23 01:51	1

Job ID: 880-37028-1

Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-2 (10')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-14

Matrix: Solid

Date Received: 12/15/23 14:08

Client: Carmona Resources

	Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble	•						
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
L	Chloride	2530		25.2		mg/Kg			12/19/23 01:53	5

Client Sample ID: T-2 (12')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-15

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/19/23 02:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/19/23 02:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/19/23 02:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 09:52	12/19/23 02:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/19/23 02:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 09:52	12/19/23 02:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	244	S1+	70 - 130				12/18/23 09:52	12/19/23 02:17	1
1,4-Difluorobenzene (Surr)	120		70 - 130				12/18/23 09:52	12/19/23 02:17	1

Method: TAL SOP Total BTEX - Tota	al BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/19/23 02:17	1

Method: SW846 8015 NM - Diesel R	lange Organi	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/17/23 02:11	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/15/23 17:22	12/17/23 02:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/15/23 17:22	12/17/23 02:11	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/15/23 17:22	12/17/23 02:11	1
Total TPH	<49.8	U	49.8		mg/Kg		12/15/23 17:22	12/17/23 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130	12/15/23 17:22	12/17/23 02:11	1
o-Terphenyl	121		70 - 130	12/15/23 17:22	12/17/23 02:11	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.6	5.03	mg/Kg			12/19/23 01:57	1

Client Sample ID: T-2 (11')

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-16

Matrix: Solid

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 02:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 02:44	1

Eurofins Midland

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Client: Carmona Resources

Job ID: 880-37028-1 SDG: Lea Co. NM

Project/Site: Paduca Main Client Sample ID: T-2 (11') Lab Sample ID: 880-37028-16

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 02:44	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/18/23 09:52	12/19/23 02:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 02:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/18/23 09:52	12/19/23 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	235	S1+	70 - 130				12/18/23 09:52	12/19/23 02:44	
1,4-Difluorobenzene (Surr)	105		70 - 130				12/18/23 09:52	12/19/23 02:44	1
Method: TAL SOP Total BTEX - T	otal BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/19/23 02:44	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH -	<49.7	U	49.7		mg/Kg			12/17/23 02:32	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/15/23 17:22	12/17/23 02:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/15/23 17:22	12/17/23 02:32	1
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/15/23 17:22	12/17/23 02:32	1
								40447400 00 00	
Total TPH	<49.7	U	49.7		mg/Kg		12/15/23 17:22	12/17/23 02:32	1
Total TPH Surrogate	<49.7 %Recovery		49.7 <i>Limits</i>		mg/Kg		12/15/23 17:22 Prepared	12/17/23 02:32 Analyzed	Dil Fac
		Qualifier			mg/Kg				
Surrogate	%Recovery	Qualifier	Limits		mg/Kg		Prepared	Analyzed	-
Surrogate 1-Chlorooctane	%Recovery 189 162	Qualifier S1+ S1+	Limits 70 - 130 70 - 130		mg/Kg		Prepared 12/15/23 17:22	Analyzed 12/17/23 02:32	1
Surrogate 1-Chlorooctane o-Terphenyl	%Recovery 189 162 Chromatograp	Qualifier S1+ S1+	Limits 70 - 130 70 - 130	MDL	mg/Kg	D	Prepared 12/15/23 17:22	Analyzed 12/17/23 02:32	Dil Fac

Client Sample ID: T-3 (0-1') Lab Sample ID: 880-37028-17 Date Collected: 12/11/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:52	12/19/23 03:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:52	12/19/23 03:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:52	12/19/23 03:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/18/23 09:52	12/19/23 03:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:52	12/19/23 03:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/18/23 09:52	12/19/23 03:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	244	S1+	70 - 130				12/18/23 09:52	12/19/23 03:10	1
1,4-Difluorobenzene (Surr)	92		70 ₋ 130				12/18/23 09:52	12/19/23 03:10	1

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-37028-1

SDG: Lea Co. NM

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

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/19/23 03:10	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			12/17/23 03:55	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.6	U	49.6		mg/Kg		12/15/23 17:22	12/17/23 03:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.6	U	49.6		mg/Kg		12/15/23 17:22	12/17/23 03:55	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/15/23 17:22	12/17/23 03:55	1
Total TPH	<49.6	U	49.6		mg/Kg		12/15/23 17:22	12/17/23 03:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	167	S1+	70 - 130				12/15/23 17:22	12/17/23 03:55	1
o-Terphenyl	133	S1+	70 - 130				12/15/23 17:22	12/17/23 03:55	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: T-3 (1.5') Lab Sample ID: 880-37028-18

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile Organic Compounds (GC) MDL Unit Analyte Result Qualifier RLD Prepared Analyzed Dil Fac Benzene <0.00199 U 0.00199 12/18/23 09:52 12/19/23 03:36 mg/Kg <0.00199 U 12/18/23 09:52 12/19/23 03:36 Toluene 0.00199 mg/Kg Ethylbenzene <0.00199 U 0.00199 mg/Kg 12/18/23 09:52 12/19/23 03:36 m-Xylene & p-Xylene <0.00398 U 0.00398 mg/Kg 12/18/23 09:52 12/19/23 03:36 0.00199 o-Xylene <0.00199 U mg/Kg 12/18/23 09:52 12/19/23 03:36 Xylenes, Total <0.00398 U 0.00398 mg/Kg 12/18/23 09:52 12/19/23 03:36 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 186 S1+ 12/18/23 09:52 12/19/23 03:36 4-Bromofluorobenzene (Surr) 70 - 130 1,4-Difluorobenzene (Surr) 83 70 - 130 12/18/23 09:52 12/19/23 03:36 Method: TAL SOP Total BTEX - Total BTEX Calculation Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Total BTEX <0.00398 0.00398 mg/Kg 12/19/23 03:36

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 12/17/23 02:53

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Dil Fac Analyte RL MDL Unit D Prepared Analyzed <50.3 U 12/15/23 17:22 Gasoline Range Organics 50.3 mg/Kg 12/17/23 02:53 (GRO)-C6-C10

Eurofins Midland

Matrix: Solid

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-3 (1.5')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-18

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/15/23 17:22	12/17/23 02:53	1
Oll Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/15/23 17:22	12/17/23 02:53	1
Total TPH	<50.3	U	50.3		mg/Kg		12/15/23 17:22	12/17/23 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	185	S1+	70 - 130				12/15/23 17:22	12/17/23 02:53	1
o-Terphenyl	142	S1+	70 - 130				12/15/23 17:22	12/17/23 02:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Dil Fac Prepared Analyzed 25.2 12/19/23 02:22 Chloride 1450 mg/Kg

Client Sample ID: T-3 (2') Lab Sample ID: 880-37028-19 Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 04:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 04:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 04:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 09:52	12/19/23 04:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/19/23 04:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 09:52	12/19/23 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	230	S1+	70 - 130	12/18/23 09:52	12/19/23 04:02	1
1,4-Difluorobenzene (Surr)	83		70 - 130	12/18/23 09:52	12/19/23 04:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00399	U	0.00399		mg/Kg			12/19/23 04:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<50.5	U	50.5		mg/Kg			12/17/23 04:58	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/17/23 04:58	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/17/23 04:58	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/17/23 04:58	1
Total TPH	<50.5	U	50.5		mg/Kg		12/15/23 17:22	12/17/23 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	171	S1+	70 - 130	12/15/23 17:22	12/17/23 04:58	1
o-Terphenyl	127		70 - 130	12/15/23 17:22	12/17/23 04:58	1

Job ID: 880-37028-1

SDG: Lea Co. NM

Project/Site: Paduca Main Client Sample ID: T-3 (2')

Client: Carmona Resources

Lab Sample ID: 880-37028-19

Matrix: Solid

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	1940		25.3		mg/Kg			12/19/23 02:26	5

Client Sample ID: T-3 (3') Lab Sample ID: 880-37028-20 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/19/23 04:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/19/23 04:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/19/23 04:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 09:52	12/19/23 04:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:52	12/19/23 04:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 09:52	12/19/23 04:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	198	S1+	70 - 130				12/18/23 09:52	12/19/23 04:28	1
1,4-Difluorobenzene (Surr)	86		70 - 130				12/18/23 09:52	12/19/23 04:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation											
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Total BTEX	<0.00402	U	0.00402		mg/Kg			12/19/23 04:28	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac			
Total TPH	<49.6 U	49.6	mg/Kg			12/17/23 03:14	1			

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.6	U	49.6		mg/Kg		12/15/23 17:22	12/17/23 03:14	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.6	U	49.6		mg/Kg		12/15/23 17:22	12/17/23 03:14	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/15/23 17:22	12/17/23 03:14	1
Total TPH	<49.6	U	49.6		mg/Kg		12/15/23 17:22	12/17/23 03:14	1
Surrogato	% Pacayary	Qualifier	Limite				Propared	Analyzod	Dil Ess

Surrogate	%Recovery	Qualifier	Limits	Prepar	red	Analyzed	DII Fac	
1-Chlorooctane	168	S1+	70 - 130	12/15/23	17:22	12/17/23 03:14	1	
o-Terphenyl	139	S1+	70 - 130	12/15/23	17:22	12/17/23 03:14	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
	Chloride	4060	50.0	mg/Kg			12/19/23 02:41	10	

Client Sample ID: T-3 (4') Lab Sample ID: 880-37028-21 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile Organic Compounds (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 01:41	1
	Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 01:41	1

Job ID: 880-37028-1 SDG: Lea Co. NM

12/15/23 22:26

12/15/23 22:26

12/16/23 11:02

12/16/23 11:02

Client Sample ID: T-3 (4')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-21

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 01:41	1
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.00401		mg/Kg		12/18/23 09:58	12/21/23 01:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 01:41	1
Xylenes, Total	<0.00401	U F2 F1	0.00401		mg/Kg		12/18/23 09:58	12/21/23 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130				12/18/23 09:58	12/21/23 01:41	1
1,4-Difluorobenzene (Surr)	72		70 - 130				12/18/23 09:58	12/21/23 01:41	1
Method: TAL SOP Total BTEX		culation	70 - 100				12/10/23 09.30	12/21/25 01:41	,
- '		culation	70 - 700				12/10/23 09.30	12/21/23 01.41	,
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	Qualifier	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			·
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00401	Qualifier U	RL 0.00401	MDL		<u>D</u>		Analyzed	·
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00401	Qualifier U	RL 0.00401	MDL		<u>D</u>		Analyzed	
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00401	Qualifier U ics (DRO) (RL 0.00401		mg/Kg		Prepared	Analyzed 12/21/23 01:41	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00401 esel Range Organ Result <50.1	Qualifier U ics (DRO) (Qualifier U	RL 0.00401 ——————————————————————————————————		mg/Kg		Prepared	Analyzed 12/21/23 01:41 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00401 esel Range Organ Result <50.1 viesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00401 ——————————————————————————————————		mg/Kg Unit mg/Kg		Prepared	Analyzed 12/21/23 01:41 Analyzed	Dil Fac

Total TPH	<50.1	U F1	50.1	mg/Kg	12/15/23 22:26	12/16/23 11:02	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane	197	S1+	70 - 130		12/15/23 22:26	12/16/23 11:02	1
o-Terphenyl	158	S1+	70 - 130		12/15/23 22:26	12/16/23 11:02	1

50.1

50.1

mg/Kg

mg/Kg

<50.1 U *1 F1

<50.1 U

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		25.0		mg/Kg			12/19/23 02:46	5

Client Sample ID: T-3 (5')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-22

Matrix: Solid

Date Received: 12/15/23 14:08

(GRO)-C6-C10

C10-C28)

Diesel Range Organics (Over

Oll Range Organics (Over C28-C36)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 02:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 02:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 02:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 09:58	12/21/23 02:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 02:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 09:58	12/21/23 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	226	S1+	70 - 130				12/18/23 09:58	12/21/23 02:06	1
1,4-Difluorobenzene (Surr)	92		70 ₋ 130				12/18/23 09:58	12/21/23 02:06	1

Eurofins Midland

2

<u>5</u>

5

7

8

10

12

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-3 (5')

Lab Sample ID: 880-37028-22 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/21/23 02:06	1
- Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/16/23 12:07	1
- Method: SW846 8015B NM - Diese	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		12/15/23 22:26	12/16/23 12:07	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U *1	49.9		mg/Kg		12/15/23 22:26	12/16/23 12:07	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/23 22:26	12/16/23 12:07	1
Total TPH	<49.9	U	49.9		mg/Kg		12/15/23 22:26	12/16/23 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	181	S1+	70 - 130				12/15/23 22:26	12/16/23 12:07	1
o-Terphenyl	149	S1+	70 - 130				12/15/23 22:26	12/16/23 12:07	1
- Method: EPA 300.0 - Anions, Ion (Chromatograp	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120	-	5.01		ma/Ka			12/19/23 02:51	1

mg/Kg Client Sample ID: T-3 (6') Lab Sample ID: 880-37028-23

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 02:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 02:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 02:32	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/18/23 09:58	12/21/23 02:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 02:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/18/23 09:58	12/21/23 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	266	S1+	70 - 130				12/18/23 09:58	12/21/23 02:32	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/18/23 09:58	12/21/23 02:32	1
Method: TAL SOP Total BTEX	Total DTEV Cale	sulation							
WELLIOU. TAL SOF TOTAL DILA	- IOIAI DIEX CAI	Julation							
		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/21/23 02:32	Dil Fac
Analyte Total BTEX	<0.00403	Qualifier U	0.00403	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Die	Result <0.00403	Qualifier U	0.00403	MDL MDL		<u>D</u>	Prepared Prepared		Dil Fac
Analyte	Result <0.00403	Qualifier U ics (DRO) (Qualifier	0.00403 GC)		mg/Kg		<u> </u>	12/21/23 02:32	1
Analyte Total BTEX Method: SW846 8015 NM - Dic Analyte Total TPH	Result <0.00403 Pesel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	0.00403 GC) RL 50.0		mg/Kg		<u> </u>	12/21/23 02:32 Analyzed	1
Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	esel Range Organ Result <50.0 Viesel Range Organ	Qualifier U ics (DRO) (Qualifier U	0.00403 GC) RL 50.0		mg/Kg Unit mg/Kg		<u> </u>	12/21/23 02:32 Analyzed	1

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(GRO)-C6-C10

Matrix: Solid

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-3 (6')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-23

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U *1	50.0		mg/Kg		12/15/23 22:26	12/16/23 12:29	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 12:29	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1 Chloroctane	168	C1±	70 120				12/15/22 22:26	12/16/22 12:20	

- · · · 3 · · ·		-•						
1-Chlorooctane	168	S1+	70 - 130	12/15	5/23 22:26	12/16/23 12:29	1	
o-Terphenyl	141	S1+	70 - 130	12/15	5/23 22:26	12/16/23 12:29	1	
_								

Method: EPA 300.0 - Anions, Ion Ch	romatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1210	5.02	mg/Kg			12/19/23 02:55	1

Client Sample ID: T-3 (7') Lab Sample ID: 880-37028-24 Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Matrix: Solid

Method: SW846 8021B - Volati Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199 U	J	0.00199		mg/Kg		12/18/23 09:58	12/21/23 02:58	1
Toluene	<0.00199 U	J	0.00199		mg/Kg		12/18/23 09:58	12/21/23 02:58	1
Ethylbenzene	<0.00199 U	J	0.00199		mg/Kg		12/18/23 09:58	12/21/23 02:58	1
m-Xylene & p-Xylene	<0.00398 U	j	0.00398		mg/Kg		12/18/23 09:58	12/21/23 02:58	1
o-Xylene	<0.00199 U	J	0.00199		mg/Kg		12/18/23 09:58	12/21/23 02:58	1
Xylenes, Total	<0.00398 U	J	0.00398		mg/Kg		12/18/23 09:58	12/21/23 02:58	1
Xylenes, Total	<0.00398 U	J	0.00398		mg/Kg		12/18/23 09:58	12/21/23 02:58	

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	238	S1+	70 - 130	12/18/23 09:58	12/21/23 02:58	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/18/23 09:58	12/21/23 02:58	1

Method: TAL SO	P Total BTEX - Total	BTEX Calculation
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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 02:58	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			12/16/23 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.6	U	49.6		mg/Kg		12/15/23 22:26	12/16/23 12:50	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.6	U *1	49.6		mg/Kg		12/15/23 22:26	12/16/23 12:50	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/15/23 22:26	12/16/23 12:50	1
Total TPH	<49.6	U	49.6		mg/Kg		12/15/23 22:26	12/16/23 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130	12/15/23 22:26	12/16/23 12:50	1
o-Terphenyl	130		70 - 130	12/15/23 22:26	12/16/23 12:50	1

Job ID: 880-37028-1

Client: Carmona Resources Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: T-3 (7')

Lab Sample ID: 880-37028-24

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride 155 4.98 12/19/23 03:00 mg/Kg

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

Lab Sample ID: 880-37028-25

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

Method: SW846 8021B - Volati	ile Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:58	12/21/23 03:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:58	12/21/23 03:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:58	12/21/23 03:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/18/23 09:58	12/21/23 03:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/18/23 09:58	12/21/23 03:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/18/23 09:58	12/21/23 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	202	S1+	70 - 130				12/18/23 09:58	12/21/23 03:23	1

ourrogate	Miccovery	Quanner	Liiiit	rrepared	Analyzea	Dii i uc
4-Bromofluorobenzene (Surr)	202	S1+	70 - 130	12/18/23 09:58	12/21/23 03:23	1
1,4-Difluorobenzene (Surr)	81		70 - 130	12/18/23 09:58	12/21/23 03:23	1

Method: TAL	SOP Total	BTEX - Total	BTEX	Calc	ulatior	1

Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		ng/Kg			12/21/23 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2420		49.5		mg/Kg			12/16/23 18:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.5	U	49.5		mg/Kg		12/15/23 22:26	12/16/23 18:07	1
(GRO)-C6-C10									
Diesel Range Organics (Over	2420	*1	49.5		mg/Kg		12/15/23 22:26	12/16/23 18:07	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		12/15/23 22:26	12/16/23 18:07	1
Total TPH	2420		49.5		mg/Kg		12/15/23 22:26	12/16/23 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	150	S1+	70 - 130	12/15/23 22:26	12/16/23 18:07	1
o-Terphenyl	116		70 - 130	12/15/23 22:26	12/16/23 18:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4060	49.6	mg/Kg			12/19/23 03:05	10

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-37028-26

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

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

Michiga. Offoro ouz 1D - folding of	gaine compo	unus (GG)						
Analyte	Result C	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200 U	J	0.00200	mg/Kg		12/18/23 09:58	12/21/23 03:49	1
Toluene	<0.00200 U	J	0.00200	mg/Kg		12/18/23 09:58	12/21/23 03:49	1

Job ID: 880-37028-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-37028-26

Client Sample ID: T-4 (1.5') Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 03:49	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 09:58	12/21/23 03:49	
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 03:49	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 09:58	12/21/23 03:49	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				12/18/23 09:58	12/21/23 03:49	
1,4-Difluorobenzene (Surr)	95		70 - 130				12/18/23 09:58	12/21/23 03:49	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/21/23 03:49	
Method: SW846 8015 NM - Diese Analyte			•			_			D!! E
		Ouglitier	DI DI		Hnit		Dronarod		
Total TPH	140	Qualifier		MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 12/16/23 19:16	
<u> </u>	140 sel Range Orga	<u> </u>	50.2	MDL	mg/Kg	D	Prepared		1
Total TPH Method: SW846 8015B NM - Dies	140 sel Range Orga	nics (DRO) Qualifier	50.2 (GC)		mg/Kg			12/16/23 19:16	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	140 sel Range Orga Result	nics (DRO) Qualifier	50.2 (GC)		mg/Kg		Prepared	12/16/23 19:16 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	sel Range Orga Result <50.2	nics (DRO) Qualifier U	50.2 (GC) RL 50.2		mg/Kg Unit mg/Kg		Prepared 12/15/23 22:26	12/16/23 19:16 Analyzed 12/16/23 19:16	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <50.2	nics (DRO) Qualifier U	50.2 (GC) RL 50.2 50.2		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26	12/16/23 19:16 Analyzed 12/16/23 19:16 12/16/23 19:16	Dil Fa
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	140 sel Range Orga Result <50.2 140 <50.2	nics (DRO) Qualifier U *1	50.2 (GC) RL 50.2 50.2 50.2		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 19:16 12/16/23 19:16 12/16/23 19:16 12/16/23 19:16	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	140 sel Range Orga Result <50.2 140 <50.2 140	nics (DRO) Qualifier U *1 U	50.2 (GC) RL 50.2 50.2 50.2 50.2 50.2		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 19:16 12/16/23 19:16 12/16/23 19:16 12/16/23 19:16 12/16/23 19:16	Dil Fa
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate	140 sel Range Orga Result <50.2 140 <50.2 140 %Recovery	nics (DRO) Qualifier U *1 U	50.2 (GC) RL 50.2 50.2 50.2 50.2 Limits		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 Prepared	Analyzed 12/16/23 19:16 Analyzed 12/16/23 19:16 12/16/23 19:16 12/16/23 19:16 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	140 sel Range Orga Result <50.2 140 <50.2 140 %Recovery 148 115	unics (DRO) Qualifier U *1 U Qualifier S1+	50.2 (GC) RL 50.2 50.2 50.2 50.2 50.2 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 Prepared 12/15/23 22:26	Analyzed 12/16/23 19:16 Analyzed 12/16/23 19:16 12/16/23 19:16 12/16/23 19:16 Analyzed 12/16/23 19:16	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	140 Sel Range Orga Result <50.2	unics (DRO) Qualifier U *1 U Qualifier S1+	50.2 (GC) RL 50.2 50.2 50.2 50.2 50.2 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 Prepared 12/15/23 22:26	Analyzed 12/16/23 19:16 Analyzed 12/16/23 19:16 12/16/23 19:16 12/16/23 19:16 Analyzed 12/16/23 19:16	Dil Fac

Client Sample ID: T-4 (2') Lab Sample ID: 880-37028-27 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 04:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 04:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 04:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 09:58	12/21/23 04:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 04:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 09:58	12/21/23 04:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	189	S1+	70 - 130				12/18/23 09:58	12/21/23 04:14	1
1,4-Difluorobenzene (Surr)	74		70 - 130				12/18/23 09:58	12/21/23 04:14	1

Job ID: 880-37028-1 SDG: Lea Co. NM

Client Sample ID: T-4 (2')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-27

Matrix: Solid

Method: TAL SOP Total BTEX	- Total BTEX Calculation
Analyte	Result Qualifier

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total BTEX
 <0.00402</td>
 U
 0.00402
 mg/Kg
 12/21/23 04:14
 1

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

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total TPH
 <50.1</td>
 U
 50.1
 mg/Kg
 12/16/23 13:11
 1

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

	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Gasoline Range Organics	<50.1	U	50.1		mg/Kg		12/15/23 22:26	12/16/23 13:11	1
	(GRO)-C6-C10									
	Diesel Range Organics (Over	<50.1	U *1	50.1		mg/Kg		12/15/23 22:26	12/16/23 13:11	1
	C10-C28)									
	Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/23 22:26	12/16/23 13:11	1
l	Total TPH	<50.1	U	50.1		mg/Kg		12/15/23 22:26	12/16/23 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	175	S1+	70 - 130	12/15/23 22:26	12/16/23 13:11	1
o-Terphenyl	146	S1+	70 - 130	12/15/23 22:26	12/16/23 13:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

 Analyte
 Result Chloride
 Qualifier
 RL St.
 MDL mg/Kg
 Unit mg/Kg
 D prepared mg/Kg
 Analyzed Prepared mg/Kg
 Dil Fac 12/19/23 20:06

Client Sample ID: T-4 (3')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-28
Matrix: Solid

Mothod: SW946 9021B Volatile Organic Compounds (CC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 04:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 04:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 04:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/18/23 09:58	12/21/23 04:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 04:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/18/23 09:58	12/21/23 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	229	S1+	70 - 130	12/18/23 09:58	12/21/23 04:40	1
1,4-Difluorobenzene (Surr)	74		70 - 130	12/18/23 09:58	12/21/23 04:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

 Analyte
 Result Total BTEX
 Qualifier
 RL Unit
 MDL mg/Kg
 Unit
 D mg/Kg
 Prepared
 Analyzed
 Dil Fac

 12/21/23 04:40
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Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

 Analyte
 Result
 Qualifier
 RL
 MDL Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total TPH
 233
 50.4
 mg/Kg
 12/16/23 13:32
 1

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

AnalyteResult
Gasoline Range OrganicsResult
UQualifier
URL
50.4MDL
mg/KgUnit
mg/KgD
12/15/23 22:26Prepared
12/15/23 22:26Analyzed
12/16/23 13:32Dil Fac
12/16/23 13:32

(GRO)-C6-C10

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-4 (3') Lab Sample ID: 880-37028-28 Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	233	*1	50.4		mg/Kg		12/15/23 22:26	12/16/23 13:32	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/15/23 22:26	12/16/23 13:32	1
Total TPH	233		50.4		mg/Kg		12/15/23 22:26	12/16/23 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	189	S1+	70 - 130				12/15/23 22:26	12/16/23 13:32	1
o-Terphenyl	156	S1+	70 - 130				12/15/23 22:26	12/16/23 13:32	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
y									

Client Sample ID: T-4 (4') Lab Sample ID: 880-37028-29

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 05:06	1
Toluene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 05:06	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 05:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 05:06	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 05:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 05:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	250	S1+	70 - 130				12/18/23 09:58	12/21/23 05:06	1
1,4-Difluorobenzene (Surr)	71		70 - 130				12/18/23 09:58	12/21/23 05:06	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
					· · · · ·		opa. oa	,u.,u	
Total BTEX	<0.00398		0.00398		mg/Kg			12/21/23 05:06	1
		U	0.00398						
Total BTEX	el Range Organ	U	0.00398				Prepared		1
Total BTEX Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (Qualifier	0.00398 GC)		mg/Kg		<u> </u>	12/21/23 05:06	
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <50.5	ics (DRO) (Gualifier	0.00398 GC) RL 50.5		mg/Kg		<u> </u>	12/21/23 05:06 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die	el Range Organ Result <50.5 sel Range Organ	ics (DRO) (Gualifier	0.00398 GC) RL 50.5	MDL	mg/Kg		<u> </u>	12/21/23 05:06 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte	el Range Organ Result <50.5 sel Range Organ	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00398 GC) RL 50.5	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	12/21/23 05:06 Analyzed 12/16/23 13:55	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10	el Range Organ Result <50.5 sel Range Orga Result	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00398 RL 50.5 (GC) RL 50.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	12/21/23 05:06 Analyzed 12/16/23 13:55 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result <50.5 sel Range Orga Result	ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00398 GC) RL 50.5 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	12/21/23 05:06 Analyzed 12/16/23 13:55 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result <50.5 sel Range Orga Result <50.5 <50.5	ics (DRO) (Qualifier Umics (DRO) Qualifier Umics (DRO) Qualifier Umics U	0.00398 RL 50.5 (GC) RL 50.5 50.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 13:55 Analyzed 12/16/23 13:55 12/16/23 13:55	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	el Range Organ Result <50.5 sel Range Orga Result <50.5 <50.5 <50.5	ics (DRO) (Qualifier U nics (DRO) Qualifier U U*1	0.00398 RL 50.5 (GC) RL 50.5 50.5 50.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 13:55 Analyzed 12/16/23 13:55 12/16/23 13:55 12/16/23 13:55	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result <50.5 sel Range Orga Result <50.5 <50.5	ics (DRO) (Qualifier U nics (DRO) Qualifier U U*1	0.00398 RL 50.5 (GC) RL 50.5 50.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 13:55 Analyzed 12/16/23 13:55 12/16/23 13:55	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	el Range Organ Result <50.5 sel Range Orga Result <50.5 <50.5 <50.5	ics (DRO) (Qualifier U mics (DRO) Qualifier U *1 U *1	0.00398 RL 50.5 (GC) RL 50.5 50.5 50.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 13:55 Analyzed 12/16/23 13:55 12/16/23 13:55 12/16/23 13:55	Dil Fac Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	el Range Organ	ics (DRO) (Qualifier U mics (DRO) Qualifier U *1 U *1	0.00398 GC) RL 50.5 (GC) RL 50.5 50.5 50.5 50.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 13:55 Analyzed 12/16/23 13:55 12/16/23 13:55 12/16/23 13:55 12/16/23 13:55	Dil Fac 1 Dil Fac 1 1 1 1

Client Sample Results

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-4 (4')

Lab Sample ID: 880-37028-29

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2350	25.3	mg/Kg			12/19/23 20:25	5

Client Sample ID: T-4 (5') Lab Sample ID: 880-37028-30 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 05:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 05:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 05:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 05:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 05:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	237	S1+	70 - 130				12/18/23 09:58	12/21/23 05:31	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/18/23 09:58	12/21/23 05:31	1

Method: TAL SOP Total BTEX - Total	al BTEX Calc	ulation						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			12/21/23 05:31	1

Method: SW846 8015 NM - Diesel R	lange Organics (DRO) (0	GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			12/16/23 14:17	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 14:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/15/23 22:26	12/16/23 14:17	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 14:17	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	160	S1+	70 - 130	12/15/23 22:26	12/16/23 14:17	1
o-Terphenyl	127		70 - 130	12/15/23 22:26	12/16/23 14:17	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2260	25.3	mg/Kg			12/19/23 20:30	5

Client Sample ID: T-4 (6') Lab Sample ID: 880-37028-31 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		12/18/23 09:58	12/21/23 07:14	1
Toluene	<0.00202	U	0.00202	mg/Kg		12/18/23 09:58	12/21/23 07:14	1

Client Sample Results

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: T-4 (6')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-31

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 07:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/18/23 09:58	12/21/23 07:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 07:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/18/23 09:58	12/21/23 07:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	195	S1+	70 - 130				12/18/23 09:58	12/21/23 07:14	1
1,4-Difluorobenzene (Surr)	80		70 - 130				12/18/23 09:58	12/21/23 07:14	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			12/21/23 07:14	
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	Result <49.8	Qualifier U	RL 49.8	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/16/23 14:40	
Analyte	Result <49.8	Qualifier U	RL 49.8			<u>D</u>	Prepared Prepared		Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <49.8	Qualifier Unics (DRO) Qualifier	RL 49.8 (GC)		mg/Kg			12/16/23 14:40	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U	(GC)		mg/Kg		Prepared	12/16/23 14:40 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies	Result <49.8 sel Range Orga Result <49.8	Qualifier U nics (DRO) Qualifier U U *1	(GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 12/15/23 22:26	12/16/23 14:40 Analyzed 12/16/23 14:40	1
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8 sel Range Orga Result <49.8 <49.8	Qualifier U nics (DRO) Qualifier U U *1	RL 49.8 (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26	12/16/23 14:40 Analyzed 12/16/23 14:40 12/16/23 14:40	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH	Result <49.8	Qualifier U nics (DRO) Qualifier U U *1 U	RL 49.8 (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 14:40 12/16/23 14:40 12/16/23 14:40 12/16/23 14:40	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.8	Qualifier U nics (DRO) Qualifier U U *1 U	RL 49.8 (GC) RL 49.8 49.8 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 14:40 12/16/23 14:40 12/16/23 14:40 12/16/23 14:40 12/16/23 14:40	Dil Fac

Client Sample ID: T-4 (7')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-32

Matrix: Solid

RL

5.02

MDL Unit

mg/Kg

D

Prepared

Analyzed

12/19/23 20:35

Dil Fac

Result Qualifier

676

Date Received: 12/15/23 14:08

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 07:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 07:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 07:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 07:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 07:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 07:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	288	S1+	70 - 130				12/18/23 09:58	12/21/23 07:40	1
1,4-Difluorobenzene (Surr)	115		70 - 130				12/18/23 09:58	12/21/23 07:40	1

Client: Carmona Resources Project/Site: Paduca Main

Client Sample ID: T-4 (7')

Lab Sample ID: 880-37028-32

12/19/23 20:49

Matrix: Solid

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 07:40	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/16/23 15:03	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		12/15/23 22:26	12/16/23 15:03	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U *1	49.7		mg/Kg		12/15/23 22:26	12/16/23 15:03	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/15/23 22:26	12/16/23 15:03	1
Total TPH	<49.7	U	49.7		mg/Kg		12/15/23 22:26	12/16/23 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	155	S1+	70 - 130				12/15/23 22:26	12/16/23 15:03	1
o-Terphenyl	122		70 - 130				12/15/23 22:26	12/16/23 15:03	1
Method: EPA 300.0 - Anions, Ion	Chromatogran	hy - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

5.01 Client Sample ID: T-4 (8') Lab Sample ID: 880-37028-33

mg/Kg

1420

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 08:05	
Toluene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 08:05	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 08:05	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 08:05	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 08:05	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 08:05	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	276	S1+	70 - 130				12/18/23 09:58	12/21/23 08:05	
1,4-Difluorobenzene (Surr)	94		70 - 130				12/18/23 09:58	12/21/23 08:05	
Method: TAL SOP Total BTEX Analyte		culation Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 08:05	
- Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.8	U	49.8		mg/Kg			12/16/23 15:49	
Method: SW846 8015B NM - D	iesel Range Orga	nics (DRO)	(GC)						
	Pocult	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte	ixesuit							· · · · · · · · · · · · · · · · · · ·	
Gasoline Range Organics	<49.8		49.8		mg/Kg		12/15/23 22:26	12/16/23 15:49	

Client Sample ID: T-4 (8')

Job ID: 880-37028-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-37028-33

12/19/23 20:54

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

1360

Matrix: Solid

Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC) (Continue	ed)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		12/15/23 22:26	12/16/23 15:49	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/15/23 22:26	12/16/23 15:49	1
Total TPH	<49.8	U	49.8		mg/Kg		12/15/23 22:26	12/16/23 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	174	S1+	70 - 130				12/15/23 22:26	12/16/23 15:49	1
o-Terphenyl	139	S1+	70 - 130				12/15/23 22:26	12/16/23 15:49	1
— Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solub	le						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

25.1 Client Sample ID: T-4 (9') Lab Sample ID: 880-37028-34

Date Collected: 12/11/23 00:00 Matrix: Solid

mg/Kg

Date Received: 12/15/23 14:08

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 08:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 08:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 08:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 09:58	12/21/23 08:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 08:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 09:58	12/21/23 08:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130				12/18/23 09:58	12/21/23 08:32	1
1,4-Difluorobenzene (Surr)	86		70 - 130				12/18/23 09:58	12/21/23 08:32	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/21/23 08:32	1
- -					mg/Kg			12/21/23 08:32	1
Total BTEX Method: SW846 8015 NM - Diese Analyte	el Range Organ			MDL	mg/Kg Unit	D	Prepared	12/21/23 08:32 Analyzed	
: Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)	MDL		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <50.0	ics (DRO) (Qualifier	GC) RL 50.0	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ Result <	ics (DRO) (Qualifier	GC) RL 50.0		Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte	el Range Organ Result <	ics (DRO) (Qualifier Unics (DRO) Qualifier	RL 50.0		Unit mg/Kg		<u> </u>	Analyzed 12/16/23 16:13	Dil Fac
Method: SW846 8015 NM - Diese Analyte	el Range Organ Result <50.0 sel Range Orga Result	ics (DRO) (Qualifier Unics (DRO) Qualifier	GC) RL 50.0 (GC) RL		Unit mg/Kg		Prepared	Analyzed 12/16/23 16:13 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result <50.0 sel Range Orga Result	ics (DRO) (Qualifier U nics (DRO) Qualifier U	GC) RL 50.0 (GC) RL		Unit mg/Kg		Prepared	Analyzed 12/16/23 16:13 Analyzed	Dil Fac Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *1	GC) RL 50.0 (GC) RL 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 16:13 Analyzed 12/16/23 16:13 12/16/23 16:13	Dil Fac Dil Fac 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result <50.0 sel Range Orga Result <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U U *1	GC) RL 50.0 (GC) RL 50.0		Unit mg/Kg Unit mg/Kg		Prepared 12/15/23 22:26	Analyzed 12/16/23 16:13 Analyzed 12/16/23 16:13	Dil Fac Dil Fac 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U U*1	GC) RL 50.0 (GC) RL 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 16:13 Analyzed 12/16/23 16:13 12/16/23 16:13	Dil Fac Dil Fac 1 1 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U U*1 U	GC) RL 50.0 (GC) RL 50.0 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 16:13 Analyzed 12/16/23 16:13 12/16/23 16:13 12/16/23 16:13	Dil Fac Dil Fac 1 1 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0 <50.0 %Recovery	ics (DRO) (Qualifier U nics (DRO) Qualifier U U*1 U	GC) RL 50.0 (GC) RL 50.0 50.0 50.0 50.0		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 16:13 Analyzed 12/16/23 16:13 12/16/23 16:13 12/16/23 16:13	Dil Fac

Client Sample ID: T-4 (9')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-34

Matrix: Solid

Method: EPA 300.0 - Anions,	Ion Chromatography - Soluble
Analyte	Result Qualifier

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		4.99		mg/Kg			12/19/23 20:59	1

Client Sample ID: T-4 (10') Lab Sample ID: 880-37028-35 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 08:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 08:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 08:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 09:58	12/21/23 08:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 08:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 09:58	12/21/23 08:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	229	S1+	70 - 130				12/18/23 09:58	12/21/23 08:58	1
1,4-Difluorobenzene (Surr)	85		70 - 130				12/18/23 09:58	12/21/23 08:58	1

١	Method: TAL SOP Total BTEX - Tot	tal BTEX Calc	ulation						
١	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Į	Total BTEX	<0.00402	U	0.00402	mg/Kg			12/21/23 08:58	1

Method: SW846 8015 NM - Diesel R	lange Organics (DRO) (GC	3)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1 U	50.1	mg/Kg			12/16/23 16:36	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1		mg/Kg		12/15/23 22:26	12/16/23 16:36	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.1	U *1	50.1		mg/Kg		12/15/23 22:26	12/16/23 16:36	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/23 22:26	12/16/23 16:36	1
Total TPH	<50.1	U	50.1		mg/Kg		12/15/23 22:26	12/16/23 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	154	S1+	70 - 130	12/15/23 22:26	12/16/23 16:36	1
o-Terphenyl	124		70 - 130	12/15/23 22:26	12/16/23 16:36	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090	4.95	mg/Kg			12/19/23 21:04	1

Client Sample ID: T-4 (11') Lab Sample ID: 880-37028-36 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile Organic Compounds (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 09:24	1
	Toluene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 09:24	1

SDG: Lea Co. NM

Client Sample ID: T-4 (11')

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-37028-36

Matrix: Solid

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 09:24	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/18/23 09:58	12/21/23 09:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 09:58	12/21/23 09:24	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/18/23 09:58	12/21/23 09:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	231	S1+	70 - 130				12/18/23 09:58	12/21/23 09:24	1
1,4-Difluorobenzene (Surr)	79		70 - 130				12/18/23 09:58	12/21/23 09:24	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/21/23 09:24	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
Analyte	•		•		1114				Dil Fac
Allulyto	INCOUNT	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Total TPH	<50.3			MDL	mg/Kg	— -	Prepared	12/16/23 16:59	
	<50.3	U	50.3	MDL	mg/Kg	D	Prepared		1
Total TPH Method: SW846 8015B NM - Die	<50.3	nics (DRO) Qualifier	50.3 (GC)		mg/Kg			12/16/23 16:59	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10	<50.3 sel Range Orga Result	nics (DRO) Qualifier	50.3 (GC)		mg/Kg		Prepared	12/16/23 16:59 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.3 sel Range Orga Result	nics (DRO) Qualifier	50.3 (GC)		mg/Kg		Prepared	12/16/23 16:59 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.3 sel Range Orga Result <p><50.3</p> <50.3	Dinics (DRO) Qualifier U	50.3 (GC) RL 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26	12/16/23 16:59 Analyzed 12/16/23 16:59 12/16/23 16:59	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.3 sel Range Orga Result <50.3 <50.3 <50.3	Unics (DRO) Qualifier U *1	50.3 (GC) RL 50.3 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 16:59 Analyzed 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.3 sel Range Orga Result <p><50.3</p> <50.3	Unics (DRO) Qualifier U *1	50.3 (GC) RL 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26	12/16/23 16:59 Analyzed 12/16/23 16:59 12/16/23 16:59	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3 <50.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3	Unics (DRO) Qualifier U *1 U Qualifier	50.3 (GC) RL 50.3 50.3 50.3 Limits		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 Prepared	Analyzed 12/16/23 16:59 Analyzed 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3 <50.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3	Unics (DRO) Qualifier U *1 U	50.3 (GC) RL 50.3 50.3 50.3 50.3		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26	Analyzed 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3 <50.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3 <70.3	Unics (DRO) Qualifier U *1 U Qualifier	50.3 (GC) RL 50.3 50.3 50.3 Limits		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 Prepared	Analyzed 12/16/23 16:59 Analyzed 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3 <50.3 <147 113	Oualifier U*1 U Qualifier U Qualifier S1+	50.3 (GC) RL 50.3 50.3 50.3 50.3 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 Prepared 12/15/23 22:26	12/16/23 16:59 Analyzed 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59 Analyzed 12/16/23 16:59	Dil Fac 1 1 1 Dil Fac 1 1 Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	<50.3 sel Range Orga Result <50.3 <50.3 <50.3 <50.3 <50.3 *Recovery 147 113 n Chromatograp	Oualifier U*1 U Qualifier U Qualifier S1+	50.3 (GC) RL 50.3 50.3 50.3 50.3 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 12/15/23 22:26 Prepared 12/15/23 22:26	12/16/23 16:59 Analyzed 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59 12/16/23 16:59 Analyzed 12/16/23 16:59	Dil Fac Dil Fac Dil Fac Dil Fac Dil Fac Dil Fac

Lab Sample ID: 880-37028-37 Client Sample ID: T-4 (12') Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 09:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 09:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 09:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 09:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 09:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 09:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130				12/18/23 09:58	12/21/23 09:50	1
1,4-Difluorobenzene (Surr)	71		70 - 130				12/18/23 09:58	12/21/23 09:50	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-4 (12') Lab Sample ID: 880-37028-37

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 09:50	1
- Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/16/23 17:21	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.5	U	50.5		mg/Kg		12/15/23 22:26	12/16/23 17:21	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U *1	50.5		mg/Kg		12/15/23 22:26	12/16/23 17:21	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:26	12/16/23 17:21	1
Total TPH	<50.5	U	50.5		mg/Kg		12/15/23 22:26	12/16/23 17:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130				12/15/23 22:26	12/16/23 17:21	1
o-Terphenyl	113		70 - 130				12/15/23 22:26	12/16/23 17:21	1
Method: EPA 300.0 - Anions, Ion	Chromatogran	hv - Solubl	e						
Analyte	• •	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Chloride 26.8 5.02 mg/Kg 12/19/23 21:14 Client Sample ID: T-5 (0-1.0') Lab Sample ID: 880-37028-38

Date Collected: 12/11/23 00:00

Matrix: Solid Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 10:16	1
Toluene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 10:16	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 10:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 10:16	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 09:58	12/21/23 10:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 09:58	12/21/23 10:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	261	S1+	70 - 130				12/18/23 09:58	12/21/23 10:16	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/18/23 09:58	12/21/23 10:16	1
_									
Method: TAL SOP Total BTEX			DI.	MDI	Unit	D	Drongrad	Anglyzad	Dil Ess
Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Analyte Total BTEX	Result <0.00398	Qualifier U	0.00398	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/21/23 10:16	Dil Fac
Analyte	Result <0.00398 esel Range Organ	Qualifier U	0.00398			<u>D</u>	Prepared Prepared		
Analyte Total BTEX Method: SW846 8015 NM - Did	Result <0.00398 esel Range Organ	Qualifier U	0.00398 GC)		mg/Kg			12/21/23 10:16	1
Analyte Total BTEX Method: SW846 8015 NM - Dic Analyte	Result <0.00398 esel Range Organ Result 301	Qualifier U ics (DRO) (0.00398 GC) RL 49.9		mg/Kg			12/21/23 10:16 Analyzed	1
Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	Result <0.00398 esel Range Organ Result 301 Diesel Range Orga	Qualifier U ics (DRO) (0.00398 GC) RL 49.9	MDL	mg/Kg			12/21/23 10:16 Analyzed	1

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-37028-38

Client Sample ID: T-5 (0-1.0') Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	301	*1	49.9		mg/Kg		12/15/23 22:26	12/16/23 18:30	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/23 22:26	12/16/23 18:30	1
Total TPH	301		49.9		mg/Kg		12/15/23 22:26	12/16/23 18:30	1

	Surrogate	%Recovery	Qualifier	Limits	Prepar	ed	Analyzed	Dil Fac
	1-Chlorooctane	135	S1+	70 - 130	12/15/23	22:26	12/16/23 18:30	1
	o-Terphenyl	104		70 - 130	12/15/23	22:26	12/16/23 18:30	1
ľ								

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier MDL Unit RLD Prepared Analyzed Dil Fac 99.4 12/19/23 21:28 Chloride 8790 mg/Kg

Client Sample ID: T-5 (1.5') Lab Sample ID: 880-37028-39 Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200		0.00200		mg/Kg	— <u> </u>	12/18/23 09:58	12/21/23 10:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 10:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 10:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 09:58	12/21/23 10:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 10:42	1
Xylenes, Total	< 0.00399	U	0.00399		mg/Kg		12/18/23 09:58	12/21/23 10:42	1

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	4-Bromofluorobenzene (Surr)	257	S1+	70 - 130	12/18/23 09:58	12/21/23 10:42	1
l	1,4-Difluorobenzene (Surr)	112		70 - 130	12/18/23 09:58	12/21/23 10:42	1

Method: TAL	SOP Total BTEX	- Total BTEX	Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg		_	12/21/23 10:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<49.7 U	49 7	ma/Ka			12/16/23 17:44	1

11 () 1 OMO 40 OO 4 ED	NIN DI LD 0	· (DDO) (OO)
Method: SW846 8015B	NM - Diesel Range Of	rganics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		12/15/23 22:26	12/16/23 17:44	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U *1	49.7		mg/Kg		12/15/23 22:26	12/16/23 17:44	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/15/23 22:26	12/16/23 17:44	1
Total TPH	<49.7	U	49.7		mg/Kg		12/15/23 22:26	12/16/23 17:44	1
					0 0				

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	156	S1+	70 - 130	12/15/23 22:26	12/16/23 17:44	1
o-Terphenyl	121		70 - 130	12/15/23 22:26	12/16/23 17:44	1

Client: Carmona Resources Project/Site: Paduca Main

Client Sample ID: T-5 (1.5') Lab Sample ID: 880-37028-39 Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Method: EPA 300.0 - Anions, Ion C	hromatography - Solub	le					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1570	25.0	mg/Kg			12/19/23 21:33	5

Client Sample ID: T-5 (2') Lab Sample ID: 880-37028-40 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 11:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 11:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 11:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 09:58	12/21/23 11:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 09:58	12/21/23 11:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 09:58	12/21/23 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	337	S1+	70 - 130				12/18/23 09:58	12/21/23 11:08	1
1,4-Difluorobenzene (Surr)	83		70 - 130				12/18/23 09:58	12/21/23 11:08	1

	Method: TAL SOP Total BTEX - Total	BTEX Cal	culation							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
L	Total BTEX	<0.00402	U	0.00402		mg/Kg			12/21/23 11:08	1

Method: SW846 8015 NM - Diesel Ra	inge Organics (DRO) (GC	;)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	66.9	50.0	mg/Kg			12/16/23 18:53	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 18:53	1
Diesel Range Organics (Over C10-C28)	66.9	*1	50.0		mg/Kg		12/15/23 22:26	12/16/23 18:53	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 18:53	1
Total TPH	66.9		50.0		mg/Kg		12/15/23 22:26	12/16/23 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130	12/15/23 22:20	12/16/23 18:53	1
o-Terphenyl	129		70 - 130	12/15/23 22:20	5 12/16/23 18:53	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3490	25.0	mg/Kg			12/19/23 21:47	5

Client Sample ID: T-5 (3') Lab Sample ID: 880-37028-41 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 16:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 16:19	1

SDG: Lea Co. NM

Client Sample ID: T-5 (3')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-41

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 16:19	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/21/23 16:19	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 16:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/21/23 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				12/18/23 13:13	12/21/23 16:19	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/18/23 13:13	12/21/23 16:19	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 16:19	1
Method: SW846 8015 NM - Diese	al Pange Organ	ice (DBO) ((SC)						
	•	. , ,	•						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total TPH	Result <49.8		RL 49.8	MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 12/16/23 11:02	
Total TPH Method: SW846 8015B NM - Dies Analyte	<49.8 sel Range Orga Result	unics (DRO) Qualifier	49.8 (GC)		mg/Kg	<u>D</u>	Prepared	12/16/23 11:02 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	<49.8	unics (DRO) Qualifier	49.8 (GC)		mg/Kg			12/16/23 11:02	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.8 sel Range Orga Result	Unics (DRO) Qualifier U F2	49.8 (GC)		mg/Kg		Prepared	12/16/23 11:02 Analyzed	Dil Fac
Total TPH Method: SW846 8015B NM - Dies	<49.8 sel Range Orga Result <49.8	unics (DRO) Qualifier U F2	49.8 (GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 12/15/23 22:32	12/16/23 11:02 Analyzed 12/16/23 11:02	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.8 sel Range Orga Result <49.8 <49.8	Unics (DRO) Qualifier U F2 U	49.8 (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 12/15/23 22:32 12/15/23 22:32	12/16/23 11:02 Analyzed 12/16/23 11:02 12/16/23 11:02	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	<49.8 sel Range Orga Result <49.8 <49.8 <49.8	Unics (DRO) Qualifier U F2 U	49.8 (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32	Analyzed 12/16/23 11:02 Analyzed 12/16/23 11:02 12/16/23 11:02	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.8 sel Range Orga Result <49.8 <49.8 <49.8 <49.8	Unics (DRO) Qualifier U F2 U	49.8 (GC) RL 49.8 49.8 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32	Analyzed 12/16/23 11:02 12/16/23 11:02 12/16/23 11:02 12/16/23 11:02 12/16/23 11:02	Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate	<49.8 sel Range Orga Result <49.8 <49.8 <49.8 <49.8 %Recovery 117	Unics (DRO) Qualifier U F2 U	49.8 (GC) RL 49.8 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32 Prepared	Analyzed 12/16/23 11:02 Analyzed 12/16/23 11:02 12/16/23 11:02 12/16/23 11:02 Analyzed	Dil Face
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	<49.8 sel Range Orga Result <49.8 <49.8 <49.8 <49.8 %Recovery 117 131	U Inics (DRO) Qualifier U F2 U U U Qualifier	49.8 (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32 Prepared 12/15/23 22:32	12/16/23 11:02 Analyzed 12/16/23 11:02 12/16/23 11:02 12/16/23 11:02 12/16/23 11:02 Analyzed 12/16/23 11:02	Dil Face
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	<49.8 sel Range Orga Result <49.8 <49.8 <49.8 <49.8 <849.8 %Recovery 117 131 Chromatograp	U Inics (DRO) Qualifier U F2 U U U Qualifier	49.8 (GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32 Prepared 12/15/23 22:32	12/16/23 11:02 Analyzed 12/16/23 11:02 12/16/23 11:02 12/16/23 11:02 12/16/23 11:02 Analyzed 12/16/23 11:02	Dil Fac Dil Fac Dil Fac Dil Fac Dil Fac

Client Sample ID: T-5 (4') Lab Sample ID: 880-37028-42 Date Collected: 12/11/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 16:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 16:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 16:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 13:13	12/21/23 16:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 16:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 13:13	12/21/23 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				12/18/23 13:13	12/21/23 16:44	1
1,4-Difluorobenzene (Surr)	76		70 ₋ 130				12/18/23 13:13	12/21/23 16:44	1

SDG: Lea Co. NM

12/15/23 22:32

12/15/23 22:32

12/15/23 22:32

12/16/23 12:07

12/16/23 12:07

Client Sample ID: T-5 (4')

Date Received: 12/15/23 14:08

1-Chlorooctane

o-Terphenyl

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-37028-42 Date Collected: 12/11/23 00:00

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Total BTEX <0.00399 0.00399 12/21/23 16:44 mg/Kg Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total TPH <50.5 U 50.5 12/16/23 12:07 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Analyte D Prepared Dil Fac Analyzed <50.5 U 50.5 12/15/23 22:32 12/16/23 12:07 Gasoline Range Organics mg/Kg (GRO)-C6-C10 50.5 12/15/23 22:32 Diesel Range Organics (Over <50.5 U mg/Kg 12/16/23 12:07 C10-C28) OII Range Organics (Over C28-C36) <50.5 U 50.5 12/15/23 22:32 12/16/23 12:07 mg/Kg Total TPH <50.5 U 50.5 mg/Kg 12/15/23 22:32 12/16/23 12:07 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 2280 25.2 mg/Kg 12/19/23 21:57

70 - 130

70 - 130

122

129

<49 7 U

Client Sample ID: T-5 (5') Lab Sample ID: 880-37028-43

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 17:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 17:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 17:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/18/23 13:13	12/21/23 17:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 17:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/18/23 13:13	12/21/23 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				12/18/23 13:13	12/21/23 17:10	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/18/23 13:13	12/21/23 17:10	1
- Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			12/21/23 17:10	1
Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			12/16/23 12:29	1
- Method: SW846 8015B NM - D	Diesel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Eurofins Midland

12/16/23 12:29

49 7

mg/Kg

Gasoline Range Organics

(GRO)-C6-C10

Client Sample Results

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-5 (5')

Lab Sample ID: 880-37028-43 Date Collected: 12/11/23 00:00

Matrix: Solid

12/19/23 22:02

Date Received: 12/15/23 14:08

Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 12:29	1
<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 12:29	1
<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 12:29	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
130		70 - 130				12/15/23 22:32	12/16/23 12:29	1
137	S1+	70 - 130				12/15/23 22:32	12/16/23 12:29	1
Chromatograp								
	<49.7 <49.7 <49.7 %Recovery 130	Result Qualifier	<49.7	<49.7	<49.7	<49.7	<49.7	<49.7

Client Sample ID: T-5 (6') Lab Sample ID: 880-37028-44

25.0

mg/Kg

1590

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 17:36	1
Toluene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 17:36	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 17:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/21/23 17:36	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 17:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/21/23 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				12/18/23 13:13	12/21/23 17:36	1
1,4-Difluorobenzene (Surr)	123		70 - 130				12/18/23 13:13	12/21/23 17:36	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
					•	_			
Total BTEX	<0.00398	U	0.00398		mg/Kg	_ =		12/21/23 17:36	1
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00398 el Range Organ Result	ics (DRO) (Qualifier	0.00398 GC)				Prepared	12/21/23 17:36 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00398	ics (DRO) (Qualifier	0.00398 GC)		mg/Kg			12/21/23 17:36	
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	<0.00398 el Range Organ Result <49.9	ics (DRO) (0.00398 GC) RL 49.9		mg/Kg			12/21/23 17:36 Analyzed	
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	<0.00398 el Range Organ Result <49.9 sel Range Organ	ics (DRO) (0.00398 GC) RL 49.9	MDL	mg/Kg			12/21/23 17:36 Analyzed	1
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	<0.00398 el Range Organ Result <49.9 sel Range Organ	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00398 GC) RL 49.9 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	12/21/23 17:36 Analyzed 12/16/23 12:50	1
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	<0.00398 el Range Organ Result <49.9 sel Range Organ Result	ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00398 GC) RL 49.9 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	12/21/23 17:36 Analyzed 12/16/23 12:50 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00398 el Range Organ Result <49.9 sel Range Orga Result <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00398 GC) RL 49.9 (GC) RL 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:32	12/21/23 17:36 Analyzed 12/16/23 12:50 Analyzed 12/16/23 12:50	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00398 el Range Organ Result <49.9 sel Range Orga Result <49.9	ics (DRO) (Qualifier U mics (DRO) Qualifier U U	0.00398 GC) RL 49.9 (GC) RL 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:32	12/21/23 17:36 Analyzed 12/16/23 12:50 Analyzed 12/16/23 12:50	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<0.00398 el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U U U	0.00398 GC) RL 49.9 (GC) RL 49.9 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:32 12/15/23 22:32	Analyzed 12/16/23 12:50 Analyzed 12/16/23 12:50 12/16/23 12:50	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	<0.00398 el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U U U	0.00398 RL 49.9 (GC) RL 49.9 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32	Analyzed 12/16/23 12:50 Analyzed 12/16/23 12:50 12/16/23 12:50 12/16/23 12:50	1 Dil Face 1 1 1 1 1 1
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte	<0.00398 el Range Organ Result <49.9 <49.9 <49.9 <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U U U	0.00398 GC) RL 49.9 (GC) RL 49.9 49.9 49.9 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32 12/15/23 22:32	Analyzed 12/16/23 12:50 Analyzed 12/16/23 12:50 12/16/23 12:50 12/16/23 12:50 12/16/23 12:50	Dil Fac Dil Fac 1 Dil Fac 1 1 Dil Fac 1

Client Sample Results

Client: Carmona Resources Job ID: 880-37028-1 SDG: Lea Co. NM Project/Site: Paduca Main

Client Sample ID: T-5 (6')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-44

Matrix: Solid

Matrix: Solid

Dil Fac

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RLMDL Unit Prepared Analyzed Chloride 5.03 mg/Kg 1040

12/19/23 22:07 Client Sample ID: T-5 (7') Lab Sample ID: 880-37028-45

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:13	12/21/23 18:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:13	12/21/23 18:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:13	12/21/23 18:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 13:13	12/21/23 18:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:13	12/21/23 18:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 13:13	12/21/23 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				12/18/23 13:13	12/21/23 18:02	1
1,4-Difluorobenzene (Surr)	111		70 - 130				12/18/23 13:13	12/21/23 18:02	1

١	Method: TAL SOP Total BTEX - Total BTEX Calculation											
١	Analyte	Result C	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac			
Į	Total BTEX	<0.00402	J	0.00402	mg/Kg			12/21/23 18:02	1			

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac			
Total TPH	<50.3 U	50.3	mg/Kg			12/16/23 13:11	1			

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		12/15/23 22:32	12/16/23 13:11	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/15/23 22:32	12/16/23 13:11	1
Oll Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/15/23 22:32	12/16/23 13:11	1
Total TPH	<50.3	U	50.3		mg/Kg		12/15/23 22:32	12/16/23 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	12/15/23 22:32	12/16/23 13:11	1
o-Terphenyl	135	S1+	70 - 130	12/15/23 22:32	12/16/23 13:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	1040	5.03	mg/Kg			12/19/23 22:12	1

Client Sample ID: T-5 (8') Lab Sample ID: 880-37028-46 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile Organic Compounds (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:13	12/21/23 18:28	1
	Toluene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:13	12/21/23 18:28	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-5 (8') Lab Sample ID: 880-37028-46 Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Wethod: 544646 8021B - Vol	atile Organic Compounds (GC) (Continued)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:13	12/21/23 18:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/18/23 13:13	12/21/23 18:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:13	12/21/23 18:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/18/23 13:13	12/21/23 18:28	1
Surrogate	%Recovery	Qualifier	l imits				Prenared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	12/18/23 13:13	12/21/23 18:28	1
1,4-Difluorobenzene (Surr)	141	S1+	70 - 130	12/18/23 13:13	12/21/23 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			12/21/23 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	<50.2	U	50.2		mg/Kg			12/16/23 13:32	1

Method: SW846 8015B NM - Diesel	Range Orga	nics (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		12/15/23 22:32	12/16/23 13:32	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/15/23 22:32	12/16/23 13:32	1
Oll Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/15/23 22:32	12/16/23 13:32	1
Total TPH	<50.2	U	50.2		mg/Kg		12/15/23 22:32	12/16/23 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	12/15/23 22:32	12/16/23 13:32	1
o-Terphenyl	152	S1+	70 - 130	12/15/23 22:32	12/16/23 13:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	635	5.01	mg/Kg			12/19/23 22:16	1

Lab Sample ID: 880-37028-47 Client Sample ID: T-5 (9') Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 18:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 18:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 18:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/21/23 18:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 18:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/21/23 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				12/18/23 13:13	12/21/23 18:53	1
1,4-Difluorobenzene (Surr)	104		70 ₋ 130				12/18/23 13:13	12/21/23 18:53	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-5 (9') Lab Sample ID: 880-37028-47 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/21/23 18:53	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			12/16/23 13:55	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.5	U	50.5		mg/Kg		12/15/23 22:32	12/16/23 13:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.5	U	50.5		mg/Kg		12/15/23 22:32	12/16/23 13:55	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:32	12/16/23 13:55	1
Total TPH	<50.5	U	50.5		mg/Kg		12/15/23 22:32	12/16/23 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				12/15/23 22:32	12/16/23 13:55	1
o-Terphenyl	127		70 - 130				12/15/23 22:32	12/16/23 13:55	1
Method: EPA 300.0 - Anions, Ion	Chromatogran	hy - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Chloride 696 5.00 mg/Kg 12/18/23 19:20 Client Sample ID: T-5 (10') Lab Sample ID: 880-37028-48

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/21/23 19:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/21/23 19:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/21/23 19:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/18/23 13:13	12/21/23 19:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/21/23 19:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/18/23 13:13	12/21/23 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				12/18/23 13:13	12/21/23 19:19	1
1,4-Difluorobenzene (Surr)	133	S1+	70 - 130				12/18/23 13:13	12/21/23 19:19	1
Method: TAL SOP Total BTEX	- Total BTFX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total BTEX	<0.00396			MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/21/23 19:19	Dil Fac
Total BTEX	<0.00396	U	0.00396	MDL		<u>D</u>	Prepared		Dil Fac
Total BTEX Method: SW846 8015 NM - Die	<0.00396	U	0.00396	MDL		<u>D</u>	Prepared Prepared		Dil Fac
	<0.00396	ics (DRO) (Qualifier	0.00396 GC)		mg/Kg			12/21/23 19:19	1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	<0.00396 esel Range Organ Result <49.6	ics (DRO) (0.00396 GC) RL 49.6		mg/Kg			12/21/23 19:19 Analyzed	1
Total BTEX Method: SW846 8015 NM - Die Analyte	<0.00396 esel Range Organ Result Resel Range Organ	ics (DRO) (0.00396 GC) RL 49.6	MDL	mg/Kg			12/21/23 19:19 Analyzed	1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - Die	<0.00396 esel Range Organ Result Resel Range Organ	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00396 GC) RL 49.6 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	12/21/23 19:19 Analyzed 12/16/23 14:17	Dil Fac

Eurofins Midland

Matrix: Solid

SDG: Lea Co. NM

Client Sample ID: T-5 (10')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-48

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.6	U	49.6		mg/Kg		12/15/23 22:32	12/16/23 14:17	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/15/23 22:32	12/16/23 14:17	1
Total TPH	<49.6	U	49.6		mg/Kg		12/15/23 22:32	12/16/23 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 130				12/15/22 22:22	12/16/23 14:17	

1-Chlorooctane	128	70 - 130	12/15/23 22:32	12/16/23 14:17	1
o-Terphenyl	139 S1+	70 - 130	12/15/23 22:32	12/16/23 14:17	1

Method: EPA 300.0 - Anions, Ion Ch	romatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	462	4.98	mg/Kg			12/18/23 19:34	1

Client Sample ID: T-5 (11') Lab Sample ID: 880-37028-49

Date Received: 12/15/23 14:08

Date Collected: 12/11/23 00:00 Matrix: Solid

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		12/18/23 13:13	12/21/23 19:44	1
Toluene	<0.00199	U	0.00199	mg/Kg		12/18/23 13:13	12/21/23 19:44	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		12/18/23 13:13	12/21/23 19:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		12/18/23 13:13	12/21/23 19:44	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		12/18/23 13:13	12/21/23 19:44	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		12/18/23 13:13	12/21/23 19:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	12/18/23 13:13	12/21/23 19:44	1
1,4-Difluorobenzene (Surr)	129		70 - 130	12/18/23 13:13	12/21/23 19:44	1

Method: TAL SOP Total BTEX - 1	Total BTEX Calculation
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Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			12/21/23 19:44	1

ı	Wethod: 544646 6015 NW - Diesei F	kange Organ	ics (DRO) (i	3 C)							
ı	Analyte	Result	Qualifier	RL	MDL	Unit	D	F	Prepared	Analyzed	Dil Fac
	Total TPH	<49.7	U	49.7		mg/Kg				12/16/23 14:40	1

Method: SW846 8015B NM - Diesel Rand	ne Organics (DRO) (GC)
Method. 34040 00 ISB MM - Dieser Kang	de Organica (DICO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 14:40	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 14:40	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 14:40	1
Total TPH	<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 14:40	1
					0 0				

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	12/15/23 22:32	12/16/23 14:40	1
o-Terphenyl	87		70 - 130	12/15/23 22:32	12/16/23 14:40	1

SDG: Lea Co. NM

Client Sample ID: T-5 (11')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-49

Matrix: Solid

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.96		mg/Kg			12/18/23 19:39	1

Client Sample ID: T-6 (0-1.0') Lab Sample ID: 880-37028-50 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 20:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 20:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 20:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 13:13	12/21/23 20:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 20:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 13:13	12/21/23 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				12/18/23 13:13	12/21/23 20:22	1
1,4-Difluorobenzene (Surr)	114		70 - 130				12/18/23 13:13	12/21/23 20:22	1

Method: TAL SOP Total BTEX - Tot	tal BTEX Cald	culation						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			12/21/23 20:22	1

Method: SW846 8015 NM - Diesel R	ange Organics (DRO) (GC	;)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			12/16/23 15:03	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 15:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 15:03	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 15:03	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	12/15/23 22:3	2 12/16/23 15:03	1
o-Terphenyl	125		70 - 130	12/15/23 22:3	2 12/16/23 15:03	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5420	49.8	mg/Kg			12/18/23 19:44	10

Client Sample ID: T-6 (1.5') Lab Sample ID: 880-37028-51 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:13	12/21/23 22:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:13	12/21/23 22:04	1

Client Sample ID: T-6 (1.5')

Client: Carmona Resources Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-51

Matrix: Solid

Method: SW846 8021B - Vola	Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac			
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		12/18/23 13:13	12/21/23 22:04	1			
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		12/18/23 13:13	12/21/23 22:04	1			
o-Xylene	<0.00201	U	0.00201	mg/Kg		12/18/23 13:13	12/21/23 22:04	1			
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		12/18/23 13:13	12/21/23 22:04	1			
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac			

 Surrogate
 %Recovery
 Qualifier
 Limits
 Prepared
 Analyzed
 Dil Fa

 4-Bromofluorobenzene (Surr)
 100
 70 - 130
 12/18/23 13:13
 12/21/23 22:04
 1,4-Diffluorobenzene (Surr)
 110
 70 - 130
 12/18/23 13:13
 12/21/23 22:04
 12/18/23 13:13
 12/21/23 22:04

 Method: TAL SOP Total BTEX - Total BTEX Calculation

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total BTEX
 < 0.00402</td>
 U
 0.00402
 mg/Kg
 12/21/23 22:04
 1

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

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Total TPH
 <50.4</td>
 U
 50.4
 mg/Kg
 12/16/23 15:49
 1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac <50.4 U 50.4 12/15/23 22:32 12/16/23 15:49 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.4 U 50.4 mg/Kg 12/15/23 22:32 12/16/23 15:49 C10-C28) mg/Kg 12/15/23 22:32 12/16/23 15:49 Oll Range Organics (Over C28-C36) <50.4 U 50.4 Total TPH <50.4 U 50.4 12/15/23 22:32 12/16/23 15:49 mg/Kg

%Recovery Qualifier Limits Prepared Dil Fac Surrogate Analyzed 1-Chlorooctane 83 70 - 130 12/15/23 22:32 12/16/23 15:49 76 70 - 130 12/15/23 22:32 12/16/23 15:49 o-Terphenyl

Method: EPA 300.0 - Anions, Ion Chromatography - SolubleAnalyteResult QualifierRL MDL Unit mg/KgD Prepared MalyzedAnalyzed Dil Fac D

Client Sample ID: T-6 (2')

Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac <0.00202 U 0.00202 12/18/23 13:13 12/21/23 22:29 Benzene mg/Kg Toluene <0.00202 U 0.00202 12/18/23 13:13 12/21/23 22:29 mg/Kg Ethylbenzene <0.00202 U 0.00202 mg/Kg 12/18/23 13:13 12/21/23 22:29 m-Xylene & p-Xylene <0.00404 U 0.00404 mg/Kg 12/18/23 13:13 12/21/23 22:29 o-Xylene <0.00202 U 0.00202 mg/Kg 12/18/23 13:13 12/21/23 22:29 Xylenes, Total <0.00404 U 0.00404 mg/Kg 12/18/23 13:13 12/21/23 22:29 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 129 70 - 130 12/18/23 13:13 12/21/23 22:29 124 70 - 130 12/18/23 13:13 12/21/23 22:29 1,4-Difluorobenzene (Surr)

SDG: Lea Co. NM

Client Sample ID: T-6 (2')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-52

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/21/23 22:29	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			12/16/23 16:13	1
						_			
Method: SW846 8015B NM - Dies		, ,	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	Result <50.4			MDL	Unit mg/Kg	<u>D</u>	Prepared 12/15/23 22:32	Analyzed 12/16/23 16:13	Dil Fac
.				MDL		<u>D</u>			Dil Fac
Gasoline Range Organics		U		MDL		<u>D</u>			Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.4	U	50.4	MDL	mg/Kg	<u> </u>	12/15/23 22:32	12/16/23 16:13	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.4	U	50.4	MDL	mg/Kg	<u>D</u>	12/15/23 22:32	12/16/23 16:13	1 1 1
(GRO)-C6-C10	<50.4 <50.4	U U U	50.4	MDL	mg/Kg	<u>D</u>	12/15/23 22:32 12/15/23 22:32	12/16/23 16:13 12/16/23 16:13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 730 5.04 mg/Kg 12/18/23 20:03

70 - 130

70 - 130

86

85

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Client Sample ID: T-6 (3')

1-Chlorooctane

o-Terphenyl

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-53

12/16/23 16:13

12/16/23 16:13

12/15/23 22:32

12/15/23 22:32

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 22:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 22:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 22:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/21/23 22:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/21/23 22:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/21/23 22:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/18/23 13:13	12/21/23 22:55	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/18/23 13:13	12/21/23 22:55	1
- '									
Method: TAL SOP Total BTEX Analyte		culation Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX		Qualifier	RL 0.00398	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 12/21/23 22:55	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	<0.00398	Qualifier U	0.00398	MDL		<u>D</u>	Prepared		Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	Result < 0.00398 esel Range Organ	Qualifier U	0.00398	MDL	mg/Kg	D_	Prepared Prepared		1
Method: TAL SOP Total BTEX Analyte	Result < 0.00398 esel Range Organ	Qualifier U ics (DRO) (C	0.00398 GC)		mg/Kg			12/21/23 22:55	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	Result <0.00398 esel Range Organ Result <50.0	Qualifier U ics (DRO) (Qualifier U	0.00398 GC) RL 50.0		mg/Kg			12/21/23 22:55 Analyzed	1
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	Result <0.00398 esel Range Organ Result <50.0 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier U	0.00398 GC) RL 50.0		mg/Kg Unit mg/Kg			12/21/23 22:55 Analyzed	1

Date Received: 12/15/23 14:08

Job ID: 880-37028-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-37028-53

Client Sample ID: T-6 (3') Date Collected: 12/11/23 00:00

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 16:36	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 16:36	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				12/15/23 22:32	12/16/23 16:36	

o-Terphenyl 70 - 130 12/15/23 22:32 12/16/23 16:36

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 4.96 12/18/23 20:08 Chloride 657 mg/Kg

Client Sample ID: T-6 (4') Lab Sample ID: 880-37028-54

Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199 U	J	0.00199		mg/Kg		12/18/23 13:13	12/21/23 23:21	1
Toluene	<0.00199 U	J	0.00199		mg/Kg		12/18/23 13:13	12/21/23 23:21	1
Ethylbenzene	<0.00199 U	J	0.00199		mg/Kg		12/18/23 13:13	12/21/23 23:21	1
m-Xylene & p-Xylene	<0.00398 U	J	0.00398		mg/Kg		12/18/23 13:13	12/21/23 23:21	1
o-Xylene	<0.00199 U	J	0.00199		mg/Kg		12/18/23 13:13	12/21/23 23:21	1
Xylenes, Total	<0.00398 U	J	0.00398		mg/Kg		12/18/23 13:13	12/21/23 23:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	12/18/23 13:13	12/21/23 23:21	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	12/18/23 13:13	12/21/23 23:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

Method: SW846 8015 NM - Diese						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Ana

1	Allalyte	Result	Qualifier	KL	MIDL	Ullit	 ט .	Prepareu	Analyzeu	DII Fac
	Total TPH	<49.5	U	49.5		mg/Kg	_		12/16/23 16:59	1

Method: SW846 8015B NM -	Diesel Range Orga	nics (DRO) (GC)
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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.5	U	49.5		mg/Kg		12/15/23 22:32	12/16/23 16:59	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.5	U	49.5		mg/Kg		12/15/23 22:32	12/16/23 16:59	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		12/15/23 22:32	12/16/23 16:59	1
Total TPH	<49.5	U	49.5		mg/Kg		12/15/23 22:32	12/16/23 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130	12/15/23 22:32	12/16/23 16:59	1
o-Terphenyl	146	S1+	70 - 130	12/15/23 22:32	12/16/23 16:59	1

Client: Carmona Resources Project/Site: Paduca Main

Client Sample ID: T-6 (4')

Lab Sample ID: 880-37028-54

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 . Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble											
	Analyte	Result Qu	ualifier RL	MDL	Unit	D	Prepared	Analyzed			
	Chloride	1270	5.01		mg/Kg			12/18/23 20:13			

Client Sample ID: T-6 (5')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-55

Matrix: Solid

Date Received: 12/15/23 14:08

alyzed Dil Fac

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 23:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 23:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 23:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 13:13	12/21/23 23:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 23:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 13:13	12/21/23 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123	-	70 - 130				12/18/23 13:13	12/21/23 23:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/18/23 13:13	12/21/23 23:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00399	U	0.00399		mg/Kg			12/21/23 23:46	1

Method: SW846 8015 NM - Diesel R	ange Organics (DRO) (GC	;)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	mg/Kg			12/16/23 17:21	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/15/23 22:32	12/16/23 17:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/15/23 22:32	12/16/23 17:21	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/15/23 22:32	12/16/23 17:21	1
Total TPH	<49.8	U	49.8		mg/Kg		12/15/23 22:32	12/16/23 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepai	red	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130	12/15/23	22:32	12/16/23 17:21	1
o-Terphenyl	131	S1+	70 - 130	12/15/23	22:32	12/16/23 17:21	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118	4.98	mg/Kg			12/18/23 20:18	1

Client Sample ID: T-6 (6')

Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		12/18/23 13:13	12/22/23 00:12	1
Toluene	<0.00201	U	0.00201	mg/Kg		12/18/23 13:13	12/22/23 00:12	1

Project/Site: Paduca Main

Lab Sample ID: 880-37028-56

Matrix: Solid

Client Sample ID: T-6 (6')
Date Collected: 12/11/23 00:00
Date Received: 12/15/23 14:08

Client: Carmona Resources

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

			, (
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:13	12/22/23 00:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 13:13	12/22/23 00:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:13	12/22/23 00:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 13:13	12/22/23 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Pr	repared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	12/18	8/23 13:13	12/22/23 00:12	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/18	8/23 13:13	12/22/23 00:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg	 		12/22/23 00:12	1

Method: SW846 8015 NM - Diesel	Range Organics (DRO) (GC)						
Analyte	Result Qualifier	RL	MDL Unit	_ D	Prepared	Analyzed	D

Allalyte	Result	Qualifier	NL.	MDL OIII	U	riepaieu	Allalyzeu	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			12/16/23 17:44	1
Method: SW846 8015B NM - Diesel	Range Orgai	nics (DRO)	(GC)					

	rtunge enge		,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		12/15/23 22:32	12/16/23 17:44	,
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/15/23 22:32	12/16/23 17:44	,
Oll Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/15/23 22:32	12/16/23 17:44	•
Total TPH	<50.2	U	50.2		mg/Kg		12/15/23 22:32	12/16/23 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	12/15/23 22:32	12/16/23 17:44	1
o-Terphenyl	92		70 - 130	12/15/23 22:32	12/16/23 17:44	1

Method: EPA 300.0 - Anior	is, Ion Chromatography - Soluble		
Analyte	Posult Qualifier	DI	MDI

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		4.95		mg/Kg	 		12/18/23 20:23	1

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

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-57

Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:13	12/22/23 00:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:13	12/22/23 00:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:13	12/22/23 00:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/18/23 13:13	12/22/23 00:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:13	12/22/23 00:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/18/23 13:13	12/22/23 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				12/18/23 13:13	12/22/23 00:38	1
1,4-Difluorobenzene (Surr)	109		70 - 130				12/18/23 13:13	12/22/23 00:38	1

Eurofins Midland

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Client Sample Results

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-7 (0-1.0') Lab Sample ID: 880-37028-57

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/22/23 00:38	1
- Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	123		50.4		mg/Kg			12/16/23 18:07	1
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.4	U	50.4		mg/Kg		12/15/23 22:32	12/16/23 18:07	1
(GRO)-C6-C10									
Diesel Range Organics (Over	123		50.4		mg/Kg		12/15/23 22:32	12/16/23 18:07	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		12/15/23 22:32	12/16/23 18:07	1
Total TPH	123		50.4		mg/Kg		12/15/23 22:32	12/16/23 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				12/15/23 22:32	12/16/23 18:07	1
o-Terphenyl	121		70 - 130				12/15/23 22:32	12/16/23 18:07	1
Method: EPA 300.0 - Anions, Ion	Chromatogran	hy - Solubl	e						
Analyte	• •	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac

Chloride 2150 25.2 mg/Kg 12/18/23 20:28 Client Sample ID: T-7 (1.5') Lab Sample ID: 880-37028-58

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/22/23 01:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/22/23 01:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/22/23 01:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/22/23 01:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:13	12/22/23 01:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:13	12/22/23 01:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				12/18/23 13:13	12/22/23 01:04	1
1,4-Difluorobenzene (Surr)	83		70 - 130				12/18/23 13:13	12/22/23 01:04	1
Method: TAL SOP Total BTEX	. Total BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/22/23 01:04	1
Method: SW846 8015 NM - Di	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
· ······· y · · ·		11	50.5		mg/Kg			12/16/23 18:30	1
Total TPH	<50.5	U	00.0						
Total TPH	Diesel Range Orga			MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac

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(GRO)-C6-C10

Matrix: Solid

12/22/2023

SDG: Lea Co. NM

Client Sample ID: T-7 (1.5')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-58

Matrix: Solid

122

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<50.5	U	50.5		mg/Kg		12/15/23 22:32	12/16/23 18:30	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		12/15/23 22:32	12/16/23 18:30	1
Total TPH	<50.5	U	50.5		mg/Kg		12/15/23 22:32	12/16/23 18:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				12/15/23 22:32	12/16/23 18:30	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chlorida	322	5.01	ma/Ka			12/18/23 20:42	1

70 - 130

Client Sample ID: T-7 (2')

o-Terphenyl

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-59

12/16/23 18:30

12/15/23 22:32

Matrix: Solid

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/22/23 01:30	1
Toluene	<0.00198 U	U	0.00198		mg/Kg		12/18/23 13:13	12/22/23 01:30	1
Ethylbenzene	<0.00198 U	U	0.00198		mg/Kg		12/18/23 13:13	12/22/23 01:30	1
m-Xylene & p-Xylene	<0.00396 l	U	0.00396		mg/Kg		12/18/23 13:13	12/22/23 01:30	1
o-Xylene	<0.00198 U	U	0.00198		mg/Kg		12/18/23 13:13	12/22/23 01:30	1
Xylenes, Total	<0.00396 l	U	0.00396		mg/Kg		12/18/23 13:13	12/22/23 01:30	1

Surrogate	%Recovery	Qualifier	Limits	Prep	ared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	12/18/2	3 13:13	12/22/23 01:30	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/18/2	3 13:13	12/22/23 01:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/22/23 01:30	1

method: 5W646 6015 NM - Diesei Range Organics (DRO) (GC)											
	Analyte	Result	Qualifier	RL	MDL	Unit	D		Prepared	Analyzed	Dil Fac
	Total TPH	<50.0	U	50.0		mg/Kg		_		12/16/23 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 18:53	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 18:53	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 18:53	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	12/15/23 22:32	12/16/23 18:53	1
o-Terphenyl	137	S1+	70 - 130	12/15/23 22:32	12/16/23 18:53	1

Client Sample Results

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-7 (2') Lab Sample ID: 880-37028-59

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Method: EPA 300.0 - Anions, Ion Ch	romatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.5	5.00	mg/Kg			12/18/23 20:47	1

Client Sample ID: T-7 (3') Lab Sample ID: 880-37028-60 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/22/23 01:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/22/23 01:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/22/23 01:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/18/23 13:13	12/22/23 01:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/18/23 13:13	12/22/23 01:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/18/23 13:13	12/22/23 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				12/18/23 13:13	12/22/23 01:56	1
1,4-Difluorobenzene (Surr)	107		70 - 130				12/18/23 13:13	12/22/23 01:56	1

Method: TAL SOP Total BTEX - To	tal BTEX Calc	ulation						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			12/22/23 01:56	1

Method: SW846 8015 NM - Diesel F	Range Organics (DRO) (G	C)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7 U	49.7	mg/Kg			12/16/23 19:16	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 19:16	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 19:16	1
Oll Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 19:16	1
Total TPH	<49.7	U	49.7		mg/Kg		12/15/23 22:32	12/16/23 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Pr	repared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	12/15	5/23 22:32	12/16/23 19:16	1
o-Terphenyl	113		70 - 130	12/15	5/23 22:32	12/16/23 19:16	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble	•						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		4.99		mg/Kg			12/18/23 21:02	1

Lab Sample ID: 880-37028-61 Client Sample ID: T-7 (4') Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 18:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 18:52	1

Eurofins Midland

12/22/2023

SDG: Lea Co. NM

Client Sample ID: T-7 (4')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-61

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 18:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/18/23 13:16	12/20/23 18:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 18:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/23 13:16	12/20/23 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130				12/18/23 13:16	12/20/23 18:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130				12/18/23 13:16	12/20/23 18:52	1
- Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/20/23 18:52	1
Method: SW846 8015 NM - Diese Analyte	Result	Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Total TPH -	<49.9	U	49.9		mg/Kg			12/16/23 21:12	1
=									
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Method: SW846 8015B NM - Dies Analyte	•	nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	• •	• •	MDL	Unit mg/Kg	<u>D</u>	Prepared 12/15/23 22:47	Analyzed 12/16/23 21:12	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.9	Qualifier	RL	MDL		<u>D</u>			
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.9	Qualifier U F1 F2 U F1 F2	RL 49.9	MDL	mg/Kg	<u>D</u>	12/15/23 22:47	12/16/23 21:12	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9 <49.9 <49.9	Qualifier U F1 F2 U F1 F2	RL 49.9	MDL	mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47	12/16/23 21:12	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.9 <49.9 <49.9	Qualifier U F1 F2 U F1 F2 U U F1 F2	RL 49.9 49.9	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	12/16/23 21:12 12/16/23 21:12 12/16/23 21:12	1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	Result <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49.9 <49	Qualifier U F1 F2 U F1 F2 U U F1 F2	RL 49.9 49.9 49.9 49.9	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	12/16/23 21:12 12/16/23 21:12 12/16/23 21:12 12/16/23 21:12	1 1 1

Client Sample ID: T-8 (0-1.0') Lab Sample ID: 880-37028-62 Date Collected: 12/11/23 00:00 **Matrix: Solid**

RL

4.98

MDL Unit

mg/Kg

D

Prepared

Analyzed

12/18/23 21:06

Dil Fac

Date Received: 12/15/23 14:08

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

22.2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 19:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 19:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 19:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 13:16	12/20/23 19:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 19:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 13:16	12/20/23 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	237	S1+	70 - 130				12/18/23 13:16	12/20/23 19:18	1
1,4-Difluorobenzene (Surr)	113		70 - 130				12/18/23 13:16	12/20/23 19:18	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-8 (0-1.0')

Method: TAL SOP Total BTEX - Total BTEX Calculation

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-62

12/16/23 22:19

Lab Sample ID: 880-37028-63

Matrix: Solid

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/20/23 19:18	1
Method: SW846 8015 NM - Diesel F	Range Organ	ics (DRO) (G	iC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.8		50.5		mg/Kg			12/16/23 22:19	1
Method: SW846 8015B NM - Diese		nics (DRO) (9/1.19			12, 10, 20 22. 10	
	l Range Orga	nics (DRO) (Qualifier		MDL		D	Prepared	Analyzed	Dil Fac
Method: SW846 8015B NM - Diese	l Range Orga	Qualifier	(GC)	MDL		<u>D</u>	Prepared 12/15/23 22:47		Dil Fac
Method: SW846 8015B NM - Diese Analyte	Range Orga	Qualifier	(GC)	MDL	Unit	<u>D</u>		Analyzed	Dil Fac
Method: SW846 8015B NM - Diesel Analyte Gasoline Range Organics	Range Orga	Qualifier	(GC)	MDL	Unit	<u>D</u>		Analyzed	Dil Fac
Method: SW846 8015B NM - Diesel Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.5	Qualifier	(GC) RL 50.5	MDL	Unit mg/Kg	<u>D</u>	12/15/23 22:47	Analyzed 12/16/23 22:19	Dil Fac

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane 143 S1+ 70 - 130 12/15/23 22:47 12/16/23 22:19 153 S1+ o-Terphenyl 70 - 130 12/15/23 22:47 12/16/23 22:19

50.5

mg/Kg

12/15/23 22:47

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 2160 24.8 mg/Kg 12/18/23 21:11

Client Sample ID: T-8 (1.5')

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

Result Qualifier

<50.1 U

74.8

Date Collected: 12/11/23 00:00

Total TPH

Date Received: 12/15/23 14:08

Method: SW846 8021B - Volat	ile Organic Comp	ounds (GC))						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 19:43	
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 19:43	•
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 19:43	•
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 19:43	
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 19:43	•
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 19:43	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	211	S1+	70 - 130				12/18/23 13:16	12/20/23 19:43	
1,4-Difluorobenzene (Surr)	86		70 - 130				12/18/23 13:16	12/20/23 19:43	
- Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/20/23 19:43	
- Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1250		50.1		mg/Kg			12/16/23 22:41	

Eurofins Midland

Analyzed

12/16/23 22:41

RL

50.1

MDL Unit

mg/Kg

D

Prepared

12/15/23 22:47

Dil Fac

Analyte

(GRO)-C6-C10

Gasoline Range Organics

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-37028-63

Matrix: Solid

Dil Fac

Client Sample ID: T-8 (1.5') Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	1250		50.1		mg/Kg		12/15/23 22:47	12/16/23 22:41	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/23 22:47	12/16/23 22:41	1
Total TPH	1250		50.1		mg/Kg		12/15/23 22:47	12/16/23 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				12/15/23 22:47	12/16/23 22:41	1
o-Terphenyl	134	S1+	70 ₋ 130				12/15/23 22:47	12/16/23 22:41	1

5.00 Client Sample ID: T-8 (2') Lab Sample ID: 880-37028-64

RL

MDL Unit

mg/Kg

D

Prepared

Result Qualifier

353

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Released to Imaging: 8/20/2024 3:08:55 PM

Matrix: Solid

Analyzed

12/18/23 21:16

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 20:09	
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 20:09	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 20:09	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/18/23 13:16	12/20/23 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 20:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/18/23 13:16	12/20/23 20:09	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				12/18/23 13:16	12/20/23 20:09	1
1,4-Difluorobenzene (Surr)	87		70 - 130				12/18/23 13:16	12/20/23 20:09	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Allalyto	rtoouit	Qualifici	114		O.I.I.C		ricparca	,u.,u	
Total BTEX	<0.00399		0.00399		mg/Kg			12/20/23 20:09	
	<0.00399	U	0.00399 GC)				Prepared	12/20/23 20:09 Analyzed	1
Total BTEX Method: SW846 8015 NM - Diese	<0.00399	ics (DRO) (0.00399 GC)		mg/Kg			12/20/23 20:09	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	<0.00399 el Range Organ Result 85.4	ics (DRO) (0.00399 GC) RL 49.7		mg/Kg			12/20/23 20:09 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	<0.00399 el Range Organ Result 85.4 sel Range Orga	ics (DRO) (0.00399 GC) RL 49.7	MDL	mg/Kg			12/20/23 20:09 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	<0.00399 el Range Organ Result 85.4 sel Range Orga	ics (DRO) (Qualifier	0.00399 GC) RL 49.7 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	12/20/23 20:09 Analyzed 12/16/23 23:02	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00399 el Range Organ Result 85.4 sel Range Organ Result	ics (DRO) (Qualifier	0.00399 GC) RL 49.7 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared	12/20/23 20:09 Analyzed 12/16/23 23:02 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00399 el Range Organ Result 85.4 sel Range Orga Result <49.7	ics (DRO) (Qualifier nics (DRO) Qualifier U	0.00399 RL 49.7 (GC) RL 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:47	12/20/23 20:09 Analyzed 12/16/23 23:02 Analyzed 12/16/23 23:02	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<0.00399 el Range Organ Result 85.4 sel Range Orga Result <49.7 85.4	ics (DRO) (Qualifier nics (DRO) Qualifier U	0.00399 RL 49.7 (GC) RL 49.7 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:47 12/15/23 22:47	Analyzed 12/16/23 23:02 Analyzed 12/16/23 23:02 12/16/23 23:02	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Total TPH	<0.00399 el Range Organ Result 85.4 sel Range Orga Result <49.7 85.4 <49.7	ics (DRO) (Qualifier nics (DRO) Qualifier U	0.00399 RL 49.7 (GC) RL 49.7 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	Analyzed 12/16/23 23:02 Analyzed 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00399 el Range Organ Result 85.4 sel Range Orga Result <49.7 85.4 <49.7 85.4	ics (DRO) (Qualifier nics (DRO) Qualifier U	0.00399 GC) RL 49.7 (GC) RL 49.7 49.7 49.7 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47 12/15/23 22:47	Analyzed 12/16/23 23:02 Analyzed 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02 12/16/23 23:02	Dil Fac

SDG: Lea Co. NM

Client Sample ID: T-8 (2')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-64

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Ch	romatography - So	luble					
Analyte	Result Qualifier	r RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	869	4.95	mg/Kg			12/18/23 21:21	1

Client Sample ID: T-8 (3') Lab Sample ID: 880-37028-65 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 20:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 20:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 20:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/18/23 13:16	12/20/23 20:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/18/23 13:16	12/20/23 20:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/18/23 13:16	12/20/23 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				12/18/23 13:16	12/20/23 20:34	1
1,4-Difluorobenzene (Surr)	79		70 - 130				12/18/23 13:16	12/20/23 20:34	1

Method: TAL SOP Total BTEX - To	tal BTEX Cald	culation						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			12/20/23 20:34	1

Method: SW846 8015 NM - Diesel R	ange Organics (DRO) (GC	;)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	198	50.0	mg/Kg			12/16/23 23:23	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 22:47	12/16/23 23:23	1
Diesel Range Organics (Over C10-C28)	198		50.0		mg/Kg		12/15/23 22:47	12/16/23 23:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:47	12/16/23 23:23	1
Total TPH	198		50.0		mg/Kg		12/15/23 22:47	12/16/23 23:23	1
Surrogate	%Recovery	Qualifier	l imite				Prenared	Analyzod	Dil Fac

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	DII Fac	
1-Chlorooctane	132	S1+	70 - 130	1	2/15/23 22:47	12/16/23 23:23	1	
o-Terphenyl	141	S1+	70 - 130	1	2/15/23 22:47	12/16/23 23:23	1	

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	592		4.99		mg/Kg			12/18/23 21:26	1

Client Sample ID: T-8 (4') Lab Sample ID: 880-37028-66 Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Method: SW846 8021B - Volatile C	rganic Comp	ounds (GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		12/18/23 13:16	12/20/23 21:00	1
Toluene	<0.00202	U	0.00202	mg/Kg		12/18/23 13:16	12/20/23 21:00	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-8 (4') Lab Sample ID: 880-37028-66

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 21:00	
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/18/23 13:16	12/20/23 21:00	
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/18/23 13:16	12/20/23 21:00	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/18/23 13:16	12/20/23 21:00	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130				12/18/23 13:16	12/20/23 21:00	
1,4-Difluorobenzene (Surr)	83		70 - 130				12/18/23 13:16	12/20/23 21:00	
Method: TAL SOP Total BTEX - 1	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/20/23 21:00	
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	230		49.6		mg/Kg			12/16/23 23:44	
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		12/15/23 22:47	12/16/23 23:44	
Diesel Range Organics (Over C10-C28)	230		49.6		mg/Kg		12/15/23 22:47	12/16/23 23:44	
Oll Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		12/15/23 22:47	12/16/23 23:44	
Total TPH	230		49.6		mg/Kg		12/15/23 22:47	12/16/23 23:44	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	139	S1+	70 - 130				12/15/23 22:47	12/16/23 23:44	
o-Terphenyl	147	S1+	70 - 130				12/15/23 22:47	12/16/23 23:44	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Lab Sample ID: 880-37028-67 Client Sample ID: T-8 (5') Date Collected: 12/11/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 21:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 21:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 21:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 21:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 21:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 21:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	235	S1+	70 - 130				12/18/23 13:16	12/20/23 21:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/18/23 13:16	12/20/23 21:26	1

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: T-8 (5') Lab Sample ID: 880-37028-67 Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/20/23 21:26	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	350		49.9		mg/Kg			12/17/23 00:06	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		12/15/23 22:47	12/17/23 00:06	1
(GRO)-C6-C10									
Diesel Range Organics (Over	350		49.9		mg/Kg		12/15/23 22:47	12/17/23 00:06	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/23 22:47	12/17/23 00:06	1
Total TPH	350		49.9		mg/Kg		12/15/23 22:47	12/17/23 00:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130				12/15/23 22:47	12/17/23 00:06	1
o-Terphenyl	157	S1+	70 - 130				12/15/23 22:47	12/17/23 00:06	1

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 119 5.03 mg/Kg 12/19/23 22:55

Client Sample ID: T-8 (6') Lab Sample ID: 880-37028-68 Date Collected: 12/11/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 21:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 21:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 21:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 21:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/18/23 13:16	12/20/23 21:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/18/23 13:16	12/20/23 21:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	191	S1+	70 - 130				12/18/23 13:16	12/20/23 21:51	1
4.4.Differench annual (Occur)	81		70 - 130				12/18/23 13:16	12/20/23 21:51	1
1,4-Difluorobenzene (Surr)		latian	70 - 130				12/10/23 13.10	12/20/20 21:01	
Method: TAL SOP Total BTEX Analyte	- Total BTEX Cald	culation Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00398	Qualifier U		MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U		MDL MDL	mg/Kg	<u>D</u>		Analyzed	1
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00398 esel Range Organ	Qualifier U ics (DRO) (C	RL 0.00398		mg/Kg		Prepared	Analyzed 12/20/23 21:51	1
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.7	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 49.7		mg/Kg		Prepared	Analyzed 12/20/23 21:51 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.7 iesel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00398 GC) RL 49.7	MDL	mg/Kg		Prepared	Analyzed 12/20/23 21:51 Analyzed	1

Client Sample Results

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: T-8 (6')

Lab Sample ID: 880-37028-68

12/19/23 23:10

Matrix: Solid

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Chloride

<49.7	U	49.7		mg/Kg		12/15/23 22:47	12/17/23 00:26	
				5 5		12/10/20 22:11	12/11/25 00.20	
<49.7	U	49.7		mg/Kg		12/15/23 22:47	12/17/23 00:26	1
<49.7	U	49.7		mg/Kg		12/15/23 22:47	12/17/23 00:26	1
ecovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
138	S1+	70 - 130				12/15/23 22:47	12/17/23 00:26	1
143	S1+	70 - 130				12/15/23 22:47	12/17/23 00:26	1
	<49.7 ecovery 138	<49.7 U <49.7 U ecovery Qualifier 138 S1+ 143 S1+	<49.7 U 49.7 ecovery Qualifier Limits 70 - 130	<49.7 U 49.7 ecovery Qualifier Limits 70 - 130	<49.7 U	<49.7 U 49.7 mg/Kg ecovery Qualifier Limits 70 - 130	<49.7	<49.7 U 49.7 mg/Kg 12/15/23 22:47 12/17/23 00:26 ecovery Qualifier Limits Prepared Analyzed 138 S1+ 70 - 130 12/15/23 22:47 12/17/23 00:26

4.98

10.9

mg/Kg

5

0

10

11

13

14

Surrogate Summary

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

Matrix: Solid				Prep Type: Total/NA
_				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-37028-1	T-1 (0-1.0')	137 S1+	85	
880-37028-1 MS	T-1 (0-1.0')	154 S1+	95	
880-37028-1 MSD	T-1 (0-1.0')	217 S1+	85	
880-37028-2	T-1 (1.5')	192 S1+	98	
880-37028-3	T-1 (2.0')	162 S1+	98	
880-37028-4	T-2 (0-1.0')	166 S1+	78	
880-37028-5	T-2 (1.5')	151 S1+	72	
880-37028-6	T-2 (2')	81	77	
880-37028-7	T-2 (3')	159 S1+	80	
880-37028-8	T-2 (4')	184 S1+	86	
880-37028-9	T-2 (5')	186 S1+	89	
880-37028-10	T-2 (6')	135 S1+	73	
880-37028-11	T-2 (7')	143 S1+	83	
880-37028-12	T-2 (8')	172 S1+	87	
880-37028-13	T-2 (9')	207 S1+	95	
880-37028-14	T-2 (10')	190 S1+	84	
880-37028-15	T-2 (12')	244 S1+	120	
880-37028-16	T-2 (11')	235 S1+	105	
880-37028-17	T-3 (0-1')	244 S1+	92	
880-37028-18	T-3 (1.5')	186 S1+	83	
880-37028-19	T-3 (2')	230 S1+	83	
880-37028-20	T-3 (3')	198 S1+	86	
880-37028-21	T-3 (4')	168 S1+	72	
880-37028-21 MS	T-3 (4')	196 S1+	110	
880-37028-21 MSD	T-3 (4')	203 S1+	78	
880-37028-22	T-3 (5')	226 S1+	92	
880-37028-23	T-3 (6')	266 S1+	89	
880-37028-24	T-3 (7')	238 S1+	96	
880-37028-25	T-4 (0-1.0')	202 S1+	81	
880-37028-26	T-4 (1.5')	162 S1+	95	
880-37028-27	T-4 (2')	189 S1+	74	
880-37028-28	T-4 (3')	229 S1+	74	
880-37028-29	T-4 (4')	250 S1+	71	
880-37028-30	T-4 (5')	237 S1+	88	
880-37028-31	T-4 (6')	195 S1+	80	
880-37028-32	T-4 (7')	288 S1+	115	
880-37028-33	T-4 (8')	276 S1+	94	
880-37028-34	T-4 (9')	218 S1+	86	
880-37028-35	T-4 (10')	229 S1+	85	
880-37028-36	T-4 (11')	231 S1+	79	
880-37028-37	T-4 (12')	178 S1+	71	
880-37028-38	T-5 (0-1.0')	261 S1+	95	
880-37028-39	T-5 (1.5')	257 S1+	112	
880-37028-40	T-5 (2')	337 S1+	83	
880-37028-41	T-5 (3')	129	107	
880-37028-41 MS	T-5 (3')	127	148 S1+	
880-37028-41 MSD	T-5 (3')	105	114	
880-37028-42	T-5 (4')	121	76	
880-37028-43	T-5 (5')	122	107	
· · ·	V- /	-==		

Surrogate Summary

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
80-37028-44	T-5 (6')	103	123	
0-37028-45	T-5 (7')	86	111	
0-37028-46	T-5 (8')	153 S1+	141 S1+	
0-37028-47	T-5 (9')	119	104	
0-37028-48	T-5 (10')	118	133 S1+	
0-37028-49	T-5 (11')	123	129	
0-37028-50	T-6 (0-1.0')	114	114	
30-37028-51	T-6 (1.5')	100	110	
0-37028-52	T-6 (2')	129	124	
0-37028-53	T-6 (3')	106	95	
0-37028-54	T-6 (4')	134 S1+	132 S1+	
0-37028-55	T-6 (5')	123	99	
0-37028-56	T-6 (6')	108	111	
0-37028-57	T-7 (0-1.0')	131 S1+	109	
0-37028-58	T-7 (1.5')	116	83	
)-37028-59	T-7 (2')	92	87	
37028-60	T-7 (3')	137 S1+	107	
-37028-61	T-7 (4')	157 S1+	92	
-37028-62	T-8 (0-1.0')	237 S1+	113	
-37028-63	T-8 (1.5')	211 S1+	86	
37028-64	T-8 (2')	155 S1+	87	
37028-65	T-8 (3')	142 S1+	79	
-37028-66	T-8 (4')	176 S1+	83	
-37028-67	T-8 (5')	235 S1+	99	
-37028-68	T-8 (6')	191 S1+	81	
880-69291/1-A	Lab Control Sample	166 S1+	104	
8 880-69292/1-A	Lab Control Sample	163 S1+	74	
S 880-69312/1-A	Lab Control Sample	118	89	
S 880-69313/1-A	Lab Control Sample	203 S1+	93	
SD 880-69291/2-A	Lab Control Sample Dup	163 S1+	71	
SD 880-69291/2-A SD 880-69292/2-A	Lab Control Sample Dup	163 S1+	101	
SD 880-69312/2-A	Lab Control Sample Dup	89	85	
SD 880-69313/2-A	Lab Control Sample Dup	190 S1+	79	
3 880-69271/8	Method Blank	116	79 83	
880-69291/5-A	Method Blank	99	94	
880-69292/5-A	Method Blank	115	77	
880-69312/5-A	Method Blank	53 S1-	77 75	
880-69313/5-A	Method Blank	114	75 80	
000-033 13/3-H	METHOR DIVIN	114	00	

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)	
880-37028-1	T-1 (0-1.0')	192 S1+	150 S1+	
880-37028-2	T-1 (1.5')	144 S1+	113	

Eurofins Midland

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10/00/0000

Surrogate Summary

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

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

Matrix: Solid Prep Type: Total/NA

Matrix: Solid				Prep Type: Total/NA
				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-37028-2 MS	T-1 (1.5')	135 S1+	93	
880-37028-2 MSD	T-1 (1.5')	171 S1+	117	
880-37028-3	T-1 (2.0')	175 S1+	135 S1+	
880-37028-4	T-2 (0-1.0')	178 S1+	143 S1+	
880-37028-5	T-2 (1.5')	183 S1+	150 S1+	
880-37028-6	T-2 (2')	186 S1+	145 S1+	
880-37028-7	T-2 (3')	167 S1+	131 S1+	
880-37028-8	T-2 (4')	206 S1+	173 S1+	
880-37028-9	T-2 (5')	175 S1+	146 S1+	
880-37028-10	T-2 (6')	200 S1+	167 S1+	
880-37028-11	T-2 (7')	171 S1+	141 S1+	
880-37028-12	T-2 (8')	221 S1+	183 S1+	
880-37028-13	T-2 (9')	169 S1+	146 S1+	
880-37028-14	T-2 (10')	185 S1+	147 S1+	
880-37028-15	T-2 (12')	157 S1+	121	
880-37028-16	T-2 (11')	189 S1+	162 S1+	
880-37028-17	T-3 (0-1')	167 S1+	133 S1+	
880-37028-18	T-3 (1.5')	185 S1+	142 S1+	
880-37028-19	T-3 (2')	171 S1+	127	
880-37028-20	T-3 (3')	168 S1+	139 S1+	
880-37028-21	T-3 (4')	197 S1+	158 S1+	
880-37028-21 MS	T-3 (4')	201 S1+	144 S1+	
880-37028-21 MSD	T-3 (4')	199 S1+	138 S1+	
880-37028-22	T-3 (4')	181 S1+	149 S1+	
880-37028-23	T-3 (6')	168 S1+	149 S1+	
880-37028-24	T-3 (7')	146 S1+	130	
880-37028-25	• •	150 S1+	116	
880-37028-26	T-4 (0-1.0')	148 S1+		
	T-4 (1.5')		115 146 S1+	
880-37028-27	T-4 (2')	175 S1+		
880-37028-28	T-4 (3')	189 S1+	156 S1+	
880-37028-29	T-4 (4')	165 S1+	131 S1+	
880-37028-30	T-4 (5')	160 S1+	127	
880-37028-31	T-4 (6')	172 S1+	138 S1+	
880-37028-32	T-4 (7')	155 S1+	122	
880-37028-33	T-4 (8')	174 S1+	139 S1+	
880-37028-34	T-4 (9')	165 S1+	133 S1+	
880-37028-35	T-4 (10')	154 S1+	124	
880-37028-36	T-4 (11')	147 S1+	113	
880-37028-37	T-4 (12')	146 S1+	113	
880-37028-38	T-5 (0-1.0')	135 S1+	104	
880-37028-39	T-5 (1.5')	156 S1+	121	
880-37028-40	T-5 (2')	157 S1+	129	
880-37028-41	T-5 (3')	117	131 S1+	
880-37028-41 MS	T-5 (3')	117	112	
880-37028-41 MSD	T-5 (3')	122	121	
880-37028-42	T-5 (4')	122	129	
880-37028-43	T-5 (5')	130	137 S1+	
880-37028-44	T-5 (6')	128	136 S1+	
880-37028-45	T-5 (7')	130	135 S1+	
880-37028-46	T-5 (8')	140 S1+	152 S1+	

Surrogate Summary

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

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

Matrix: Solid Prep Type: Total/NA

				Perce	nt Surrogate Recovery (A
		1001	ОТРН1		-
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
880-37028-47	T-5 (9')	119	127		
880-37028-48	T-5 (10')	128	139 S1+		
880-37028-49	T-5 (11')	91	87		
880-37028-50	T-6 (0-1.0')	122	125		
880-37028-51	T-6 (1.5')	83	76		
880-37028-52	T-6 (2')	86	85		
880-37028-53	T-6 (3')	81	83		
880-37028-54	T-6 (4')	137 S1+	146 S1+		
880-37028-55	T-6 (5')	123	131 S1+		
880-37028-56	T-6 (6')	93	92		
880-37028-57	T-7 (0-1.0')	114	121		
880-37028-58	T-7 (1.5')	117	122		
880-37028-59	T-7 (2')	126	137 S1+		
880-37028-60	T-7 (3')	105	113		
880-37028-61	T-7 (4')	75	70		
880-37028-61 MS	T-7 (4')	58 S1-	50 S1-		
880-37028-61 MSD	T-7 (4')	106	100		
880-37028-62	T-8 (0-1.0')	143 S1+	153 S1+		
880-37028-63	T-8 (1.5')	123	134 S1+		
880-37028-64	T-8 (2')	137 S1+	146 S1+		
880-37028-65	T-8 (3')	137 S1+	141 S1+		
880-37028-66	T-8 (4')	139 S1+	147 S1+		
880-37028-67	T-8 (5')	147 S1+	157 S1+		
880-37028-68		138 S1+	143 S1+		
	T-8 (6')				
LCS 880-69253/2-A	Lab Control Sample	111	106		
LCS 880-69255/2-A	Lab Control Sample	109	120		
LCS 880-69256/2-A	Lab Control Sample	95	110		
LCS 880-69258/2-A	Lab Control Sample	102	114		
LCSD 880-69253/3-A	Lab Control Sample Dup	110	104		
LCSD 880-69255/3-A	Lab Control Sample Dup	87	76		
LCSD 880-69256/3-A	Lab Control Sample Dup	113	141 S1+		
LCSD 880-69258/3-A	Lab Control Sample Dup	100	118		
MB 880-69253/1-A	Method Blank	133 S1+	113		
MB 880-69255/1-A	Method Blank	139 S1+	116		
MB 880-69256/1-A	Method Blank	117	134 S1+		
MB 880-69258/1-A	Method Blank	102	115		

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Carmona Resources Job ID: 880-37028-1 SDG: Lea Co. NM Project/Site: Paduca Main

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-69271/8

Matrix: Solid

Analysis Batch: 69271

Client	Sample	ID:	Meth	od	В	la	nl	<
	_			_				

Prep Type: Total/NA

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			12/18/23 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg			12/18/23 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			12/18/23 12:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			12/18/23 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			12/18/23 12:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			12/18/23 12:13	1

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	_		12/18/23 12:13	1
1,4-Difluorobenzene (Surr)	83		70 - 130			12/18/23 12:13	1

Lab Sample ID: MB 880-69291/5-A

Matrix: Solid

Analysis Batch: 69271

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69291

	141.0	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 18:22	
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 18:22	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 18:22	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/18/23 09:52	12/18/23 18:22	
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:52	12/18/23 18:22	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/23 09:52	12/18/23 18:22	

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	12/18/23 09:52	12/18/23 18:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/18/23 09:52	12/18/23 18:22	1

Lab Sample ID: LCS 880-69291/1-A

Matrix: Solid

Analysis Batch: 69271

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 69291

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09504		mg/Kg		95	70 - 130	
Toluene	0.100	0.1059		mg/Kg		106	70 - 130	
Ethylbenzene	0.100	0.1112		mg/Kg		111	70 - 130	
m-Xylene & p-Xylene	0.200	0.2190		mg/Kg		110	70 - 130	
o-Xylene	0.100	0.1102		mg/Kg		110	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130
1.4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-69291/2-A

Matrix: Solid

Analysis Batch: 69271

Client Sample ID: Lab	Control Sample Dup
	Dren Trees Total/NA

Prep Type: Total/NA

Prep Batch: 69291

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1079		mg/Kg		108	70 - 130	13	35

Job ID: 880-37028-1

SDG: Lea Co. NM

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

Lab Sample ID: LCSD 880-69291/2-A

Matrix: Solid

Analysis Batch: 69271

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 69291

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Toluene	0.100	0.1095		mg/Kg		110	70 - 130	3	35
Ethylbenzene	0.100	0.1075		mg/Kg		108	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2114		mg/Kg		106	70 - 130	4	35
o-Xylene	0.100	0.1101		mg/Kg		110	70 - 130	0	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130
1,4-Difluorobenzene (Surr)	71		70 - 130

Lab Sample ID: 880-37028-1 MS Client Sample ID: T-1 (0-1.0')

Matrix: Solid

Analysis Batch: 69271

	(/
Prep Type: 1	otal/NA
Prep Batch	: 69291

MS MS Sample Sample Spike %Rec Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Benzene <0.00199 U 0.0996 0.08532 86 70 - 130 mg/Kg Toluene <0.00199 UF2 0.0996 0.06988 70 70 - 130 mg/Kg Ethylbenzene <0.00199 U 0.0996 0.08535 70 - 130 mg/Kg 86 77 m-Xylene & p-Xylene <0.00398 U 0.199 0.1529 70 - 130 mg/Kg o-Xylene <0.00199 U 0.0996 0.08233 mg/Kg 83 70 - 130

MS MS

Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130		
1,4-Difluorobenzene (Surr)	95		70 - 130		

Lab Sample ID: 880-37028-1 MSD

Matrix: Solid

Analysis Batch: 69271

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

Prep Type: Total/NA Prep Batch: 69291

Spike MSD MSD **RPD** Sample Sample %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Benzene <0.00199 U 0.0990 0.1064 mg/Kg 107 70 - 130 22 35 Toluene <0.00199 U F2 0.0990 0.1156 F2 mg/Kg 117 70 - 130 49 35 Ethylbenzene < 0.00199 0.0990 0.1083 mg/Kg 109 70 - 130 24 35 m-Xylene & p-Xylene <0.00398 U 0.198 0.2072 105 70 - 130 30 35 mg/Kg <0.00199 U 0.0990 o-Xylene 0.1142 mg/Kg 115 70 - 130 32 35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene (Surr)	217	S1+	70 - 130		
1,4-Difluorobenzene (Surr)	85		70 - 130		

Lab Sample ID: MB 880-69292/5-A

Matrix: Solid

Analysis Batch: 69426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69292

	IVID	IVID						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		12/18/23 09:58	12/21/23 01:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		12/18/23 09:58	12/21/23 01:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		12/18/23 09:58	12/21/23 01:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		12/18/23 09:58	12/21/23 01:15	1

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Job ID: 880-37028-1

SDG: Lea Co. NM

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

Lab Sample ID: MB 880-69292/5-A

Matrix: Solid

Analysis Batch: 69426

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69292

١.	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 09:58	12/21/23 01:15	1
	Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/23 09:58	12/21/23 01:15	1

MR MR

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/18/23 09:58	12/21/23 01:15	1
1,4-Difluorobenzene (Surr)	77		70 - 130	12/18/23 09:58	12/21/23 01:15	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-69292/1-A **Matrix: Solid**

Analysis Batch: 69426

Prep Type: Total/NA

Prep Batch: 69292

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.07664		mg/Kg		77	70 - 130	
Toluene	0.100	0.09276		mg/Kg		93	70 - 130	
Ethylbenzene	0.100	0.08709		mg/Kg		87	70 - 130	
m-Xylene & p-Xylene	0.200	0.1875		mg/Kg		94	70 - 130	
o-Xylene	0.100	0.1001		mg/Kg		100	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130
1 4-Difluorobenzene (Surr)	74		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 69292

Matrix: Solid Analysis Batch: 69426

Lab Sample ID: LCSD 880-69292/2-A

7 mary one Datom ee 120									
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09105		mg/Kg		91	70 - 130	17	35
Toluene	0.100	0.08110		mg/Kg		81	70 - 130	13	35
Ethylbenzene	0.100	0.09063		mg/Kg		91	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1830		mg/Kg		91	70 - 130	2	35
o-Xylene	0.100	0.09088		mg/Kg		91	70 - 130	10	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	167	S1+	70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Client Sample ID: T-3 (4') Lab Sample ID: 880-37028-21 MS

Matrix: Solid

Analysis Batch: 69426

Prep Type: Total/NA Prep Batch: 69292

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0996	0.1082		mg/Kg		109	70 - 130	
Toluene	<0.00200	U	0.0996	0.1146		mg/Kg		115	70 - 130	
Ethylbenzene	<0.00200	U	0.0996	0.1219		mg/Kg		122	70 - 130	
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.199	0.02542	F1	mg/Kg		13	70 - 130	
o-Xylene	<0.00200	U	0.0996	0.1098		mg/Kg		110	70 - 130	

Job ID: 880-37028-1

SDG: Lea Co. NM

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

Lab Sample ID: 880-37028-21 MS

Matrix: Solid

Analysis Batch: 69426

Client Sample ID: T-3 (4')

Prep Type: Total/NA

Prep Batch: 69292

MS MS

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 196 S1+ 70 - 130 1,4-Difluorobenzene (Surr) 110 70 - 130

Lab Sample ID: 880-37028-21 MSD Client Sample ID: T-3 (4')

Matrix: Solid

Analysis Batch: 69426

Prep Type: Total/NA

Prep Batch: 69292

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.0990	0.09499		mg/Kg		96	70 - 130	13	35
Toluene	<0.00200	U	0.0990	0.09417		mg/Kg		95	70 - 130	20	35
Ethylbenzene	<0.00200	U	0.0990	0.09827		mg/Kg		98	70 - 130	21	35
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.198	0.1916	F2	mg/Kg		97	70 - 130	153	35
o-Xylene	<0.00200	U	0.0990	0.09604		mg/Kg		97	70 - 130	13	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene (Surr)	203	S1+	70 - 130		
1,4-Difluorobenzene (Surr)	78		70 - 130		

Lab Sample ID: MB 880-69312/5-A Client Sample ID: Method Blank

Analysis Batch: 69579 MR MR

Matrix: Solid

Prep Type: Total/NA

Prep Batch: 69312

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 15:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 15:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 15:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/18/23 13:13	12/21/23 15:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:13	12/21/23 15:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/23 13:13	12/21/23 15:53	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	53	S1-	70 - 130	12/18/23 13:13	12/21/23 15:53	1
1,4-Difluorobenzene (Surr)	75		70 - 130	12/18/23 13:13	12/21/23 15:53	1

Lab Sample ID: LCS 880-69312/1-A

Released to Imaging: 8/20/2024 3:08:55 PM

Matrix: Solid

Analysis Batch: 69579

Client Sample ID: Lab Control Sample

Prep Batch: 69312

Spike	LCS	LCS				%Rec	
Added	Result	Qualifier	Unit	D	%Rec	Limits	
0.100	0.08698		mg/Kg		87	70 - 130	
0.100	0.08162		mg/Kg		82	70 - 130	
0.100	0.08726		mg/Kg		87	70 - 130	
0.200	0.1668		mg/Kg		83	70 - 130	
0.100	0.08533		mg/Kg		85	70 - 130	
	Added 0.100 0.100 0.100 0.200	Added Result 0.100 0.08698 0.100 0.08162 0.100 0.08726 0.200 0.1668	Added Result Qualifier 0.100 0.08698 0.100 0.08162 0.100 0.08726 0.200 0.1668	Added Result Qualifier Unit 0.100 0.08698 mg/Kg 0.100 0.08162 mg/Kg 0.100 0.08726 mg/Kg 0.200 0.1668 mg/Kg	Added Result Qualifier Unit D 0.100 0.08698 mg/Kg 0.100 0.08162 mg/Kg 0.100 0.08726 mg/Kg 0.200 0.1668 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.08698 mg/Kg 87 0.100 0.08162 mg/Kg 82 0.100 0.08726 mg/Kg 87 0.200 0.1668 mg/Kg 83	Added Result Qualifier Unit D %Rec Limits 0.100 0.08698 mg/Kg 87 70 - 130 0.100 0.08162 mg/Kg 82 70 - 130 0.100 0.08726 mg/Kg 87 70 - 130 0.200 0.1668 mg/Kg 83 70 - 130

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 118 70 - 130

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Prep Type: Total/NA

Job ID: 880-37028-1 SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-69312/1-A

Matrix: Solid

Analysis Batch: 69579

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 69312

LCS LCS

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

Lab Sample ID: LCSD 880-69312/2-A

Matrix: Solid

Analysis Batch: 69579

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 69312

Spike LCSD LCSD %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 0.100 0.07118 mg/Kg 71 70 - 130 20 35 Toluene 0.100 0.07891 mg/Kg 79 70 - 130 3 35 Ethylbenzene 0.100 0.08257 mg/Kg 83 70 - 130 35 0.200 70 - 130 m-Xylene & p-Xylene 0.1615 mg/Kg 81 3 35 o-Xylene 0.100 0.08183 mg/Kg 82 70 - 130 35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	89	70 - 130
1.4-Difluorobenzene (Surr)	85	70 - 130

Lab Sample ID: 880-37028-41 MS

Matrix: Solid

Analysis Batch: 69579

Client Sample ID: T-5 (3')

Prep Type: Total/NA

Prep Batch: 69312

-	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0996	0.07844		mg/Kg		79	70 - 130	
Toluene	<0.00199	U	0.0996	0.09359		mg/Kg		94	70 - 130	
Ethylbenzene	<0.00199	U	0.0996	0.09336		mg/Kg		94	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1804		mg/Kg		91	70 - 130	
o-Xylene	<0.00199	U	0.0996	0.09623		mg/Kg		97	70 - 130	
•										

MS MS

Surrogate	%Recovery Qua	alifier Limits
4-Bromofluorobenzene (Surr)	127	70 - 130
1.4-Difluorobenzene (Surr)	148 S1+	70 - 130

Lab Sample ID: 880-37028-41 MSD

Matrix: Solid

Analysis Batch: 69579

Client Sample ID: T-5 (3')

Prep Type: Total/NA

Prep Batch: 69312

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00199	U	0.0990	0.07003		mg/Kg		71	70 - 130	11	35	
Toluene	< 0.00199	U	0.0990	0.07767		mg/Kg		78	70 - 130	19	35	
Ethylbenzene	< 0.00199	U	0.0990	0.07902		mg/Kg		80	70 - 130	17	35	
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1521		mg/Kg		77	70 - 130	17	35	
o-Xylene	< 0.00199	U	0.0990	0.08222		mg/Kg		83	70 - 130	16	35	

MSD MSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	105	70 - 130
1,4-Difluorobenzene (Surr)	114	70 - 130

Job ID: 880-37028-1 SDG: Lea Co. NM

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

ΜВ

Lab Sample ID: MB 880-69313/5-A

Matrix: Solid

Analysis Batch: 69426

Client Sample ID: Method Blank

	Prep Type: Total/NA
	Prep Batch: 69313
MB	

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/23 13:16	12/20/23 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/23 13:16	12/20/23 11:58	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	d Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	12/18/23 13	3:16 12/20/23 11:58	3 1
1.4-Difluorobenzene (Surr)	80		70 - 130	12/18/23 13	3:16 12/20/23 11:58	3 1

Lab Sample ID: LCS 880-69313/1-A

Matrix: Solid

Analysis Batch: 69426

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

Prep Batch: 69313

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1053 mg/Kg 105 70 - 130 Toluene 0.100 0.1105 mg/Kg 111 70 - 130 0.100 Ethylbenzene 0.1109 mg/Kg 111 70 - 130 0.200 0.2090 104 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.1190 70 - 130 o-Xylene mg/Kg 119

LCS LCS %Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 203 S1+ 93 70 - 130 1,4-Difluorobenzene (Surr)

Lab Sample ID: LCSD 880-69313/2-A

Matrix: Solid

Analysis Batch: 69426

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 69313

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1026		mg/Kg		103	70 - 130	3	35
Toluene	0.100	0.1123		mg/Kg		112	70 - 130	2	35
Ethylbenzene	0.100	0.1091		mg/Kg		109	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2385		mg/Kg		119	70 - 130	13	35
o-Xylene	0.100	0.1240		mg/Kg		124	70 - 130	4	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	190	S1+	70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

QC Sample Results

Client: Carmona Resources Job ID: 880-37028-1 SDG: Lea Co. NM Project/Site: Paduca Main

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

Lab Sample ID: MB 880-69253/1-A

Matrix: Solid Analysis Batch: 69259 Client Sample ID: Method Blank Prep Type: Total/NA

Prep Batch: 69253

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/16/23 20:02	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/16/23 20:02	1
C10-C28)									
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/16/23 20:02	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 17:22	12/16/23 20:02	1

мв мв

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130	12/15/23 17:22	12/16/23 20:02	1
o-Terphenyl	113		70 - 130	12/15/23 17:22	12/16/23 20:02	1

Lab Sample ID: LCS 880-69253/2-A

Matrix: Solid Analysis Batch: 69259 **Client Sample ID: Lab Control Sample**

Prep Type: Total/NA

Prep Batch: 69253

	Spike	LCS LC	S			%Rec
Analyte	Added	Result Qu	alifier Unit	D	%Rec	Limits
Gasoline Range Organics	1000	1076	mg/Kg		108	70 - 130
(GRO)-C6-C10						
Diesel Range Organics (Over	1000	1127	mg/Kg		113	70 - 130
C10-C28)						

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	111	70 - 130
o-Terphenyl	106	70 - 130

Lab Sample ID: LCSD 880-69253/3-A

Matrix: Solid

Analysis Batch: 69259

Client Sa	ample ID:	Lah C	ontrol S	amnle	Dun
Ciletit 3	alliple id.	Lab C	unu u u	allible	Dub

Prep Type: Total/NA

Prep Batch: 69253

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1080		mg/Kg		108	70 - 130	0	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	1115		mg/Kg		112	70 - 130	1	20
C10-C28)									

LCSD LCSD

Surrogate	%Recovery Qualifie	r Limits
1-Chlorooctane	110	70 - 130
o-Terphenyl	104	70 - 130

Lab Sample ID: 880-37028-2 MS

Matrix: Solid Analysis Batch: 69259 Client Sample ID: T-1 (1.5')

Prep Type: Total/NA

Prep Batch: 69253

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<50.5	U F2	1000	1163		mg/Kg		113	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<50.5	U F1 F2	1000	1145		mg/Kg		112	70 - 130	
C10-C28)										

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

MS MS %Recovery Qualifier

Lab Sample ID: 880-37028-2 MS

Matrix: Solid

Surrogate

Analysis Batch: 69259

Client Sample ID: T-1 (1.5') Prep Type: Total/NA

Prep Batch: 69253

1-Chlorooctane 135 S1+ 70 - 130 o-Terphenyl 93 70 - 130

Lab Sample ID: 880-37028-2 MSD Client Sample ID: T-1 (1.5')

Limits

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 69259 Prep Batch: 69253

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit <50.5 U F2 1000 923.9 F2 89 70 - 13023 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.5 U F1 F2 1000 1466 F1 F2 mg/Kg 144 70 - 13025 20 C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 171 S1+ 70 - 130 1-Chlorooctane

o-Terphenyl 117 70 - 130

Lab Sample ID: MB 880-69255/1-A

Matrix: Solid

Analysis Batch: 69259

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 69255

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 08:22	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 08:22	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 08:22	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:26	12/16/23 08:22	1

MB MB Surrogate %Recovery Qualifier Limits Dil Fac Prepared Analyzed 1-Chlorooctane S1+ 70 - 130 139 12/15/23 22:26 12/16/23 08:22 o-Terphenyl 116 70 - 130 12/15/23 22:26 12/16/23 08:22

Lab Sample ID: LCS 880-69255/2-A

MB MB

Matrix: Solid

Analysis Batch: 69259

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

Prep Batch: 69255

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1112		mg/Kg		111	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1219		mg/Kg		122	70 - 130	
C10-C28)								

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	109	70 - 130
o-Terphenyl	120	70 ₋ 130

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

Lab Sample ID: LCSD 880-69255/3-A

Matrix: Solid Analysis Batch: 69259 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 69255

Spike LCSD LCSD RPD Added Result Qualifier RPD Limit Analyte Unit %Rec Limits Gasoline Range Organics 1000 939.2 mg/Kg 94 70 - 130 17 20 (GRO)-C6-C10 1000 Diesel Range Organics (Over 841.1 *1 mg/Kg 84 70 - 130 37 C10-C28)

LCSD LCSD

Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 87 70 - 130 o-Terphenyl 76

Client Sample ID: T-3 (4')

Prep Type: Total/NA

Prep Batch: 69255

Lab Sample ID: 880-37028-21 MS

Matrix: Solid

Analysis Batch: 69259

ı		Sample	Sample	Spike	MS	MS				%Rec	
	Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1131		mg/Kg		108	70 - 130	
	Diesel Range Organics (Over C10-C28)	<50.1	U *1 F1	1010	1739	F1	mg/Kg		170	70 - 130	

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	201	S1+	70 _ 130
o-Terphenyl	144	S1+	70 - 130

Lab Sample ID: 880-37028-21 MSD

Lab Sample ID: MB 880-69256/1-A

Matrix: Solid

Analysis Batch: 69259

Client	Sam	ple	ID:	T-3	(4')
	D	T	4. 7	-4-1	/NIA

Prep Type: Total/NA Prep Batch: 69255

7 manyolo Batom 00200											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<50.1	U	1010	1049		mg/Kg		100	70 - 130	8	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<50.1	U *1 F1	1010	1683	F1	mg/Kg		165	70 - 130	3	20
C10-C28)											

Matrix: Solid

Analysis Batch: 69261

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	199	S1+	70 - 130
o-Terphenyl	138	S1+	70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69256

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 08:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 08:22	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 08:22	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:32	12/16/23 08:22	1

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

Lab Sample ID: MB 880-69256/1-A

Matrix: Solid

Analysis Batch: 69261

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 69256

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130		12/15/23 22:32	12/16/23 08:22	1
o-Terphenyl	134	S1+	70 - 130	1	12/15/23 22:32	12/16/23 08:22	1

Lab Sample ID: LCS 880-69256/2-A

Lab Sample ID: LCSD 880-69256/3-A

Matrix: Solid

Analysis Batch: 69261

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 69256

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	928.7		mg/Kg		93	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	895.0		mg/Kg		89	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	110		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 69256

Spike LCSD LCSD Added RPD Analyte Result Qualifier Unit %Rec Limits Limit Gasoline Range Organics 1000 968.7 mg/Kg 97 70 - 130 4 20 (GRO)-C6-C10 1000 Diesel Range Organics (Over 1005 mg/Kg 100 70 - 130 12 20 C10-C28)

Matrix: Solid

Analysis Batch: 69261

LCSD LCSD

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	141	S1+	70 - 130

Lab Sample ID: 880-37028-41 MS Client Sample ID: T-5 (3') **Matrix: Solid**

Analysis Batch: 69261

Prep Type: Total/NA

Prep Batch: 69256

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F2	1000	873.2		mg/Kg		85	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	1005		mg/Kg		97	70 - 130	

Surrogate	%Recovery G	Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	112		70 - 130

Client: Carmona Resources Job ID: 880-37028-1 SDG: Lea Co. NM Project/Site: Paduca Main

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

Lab Sample ID: 880-37028-41 MSD

Matrix: Solid

Analysis Batch: 69261

Client Sample ID: T-5 (3') Prep Type: Total/NA

Prep Batch: 69256

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.8	U F2	1000	1073	F2	mg/Kg		105	70 - 130	21	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.8	U	1000	1086		mg/Kg		106	70 - 130	8	20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	121		70 - 130

Lab Sample ID: MB 880-69258/1-A Client Sample ID: Method Blank

Matrix: Solid Prep Type: Total/NA Prep Batch: 69258 **Analysis Batch: 69261**

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1
(GRO)-C6-C10 Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1
C10-C28) Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1
Total TPH	<50.0	U	50.0		mg/Kg		12/15/23 22:46	12/16/23 20:02	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/15/23 22:46	12/16/23 20:02	1
o-Terphenyl	115		70 - 130	12/15/23 22:46	12/16/23 20:02	1

Lab Sample ID: LCS 880-69258/2-A

Matrix: Solid

Analysis Batch: 69261

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

Prep Batch: 69258

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1037		mg/Kg		104	70 - 130	_
Diesel Range Organics (Over C10-C28)	1000	963.2		mg/Kg		96	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	102	70 _ 130
o-Terphenyl	114	70 - 130

Lab Sample ID: LCSD 880-69258/3-A

Matrix: Solid

Analysis Batch: 69261

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

Prep Batch: 69258

•	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	993.8		mg/Kg		99	70 - 130	4	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	874.0		mg/Kg		87	70 - 130	10	20	
C10-C28)										

Lab Sample ID: LCSD 880-69258/3-A

Job ID: 880-37028-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

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

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 69258

Analysis Batch: 69261 ICED ICED

	LCSD	LUSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 880-37028-61 MS Client Sample ID: T-7 (4')

Matrix: Solid

Matrix: Solid

Prep Type: Total/NA Analysis Batch: 69261

Prep Batch: 69258

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	1010	435.7	F1	mg/Kg		42	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	1010	444.4	F1	mg/Kg		40	70 - 130
	MS	MS							
Currogato	% Pocovory	Qualifier	Limite						

Surrogate Limits "Recovery Qualifie 58 S1-1-Chlorooctane 70 - 130 50 S1-70 - 130 o-Terphenyl

Lab Sample ID: 880-37028-61 MSD

Matrix: Solid

Analysis Batch: 69261

Client Sample ID: T-7 (4') Prep Type: Total/NA

Prep Batch: 69258

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	1010	862.0	F2	mg/Kg		84	70 - 130	66	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1 F2	1010	885.6	F2	mg/Kg		84	70 - 130	66	20
	MSD	MSD									

%Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 106 o-Terphenyl 100 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69245/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69317

мв мв Dil Fac Analyte Result Qualifier RL MDL Unit Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 12/18/23 19:05

Lab Sample ID: LCS 880-69245/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69317

Spike LCS LCS %Rec Analyte Added Result Qualifier Limits Chloride 263.5 250 mg/Kg 105 90 - 110

Job ID: 880-37028-1

SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-69245/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble** Analysis Batch: 69317

LCSD LCSD RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit D Chloride 250 257.9 mg/Kg 103 90 - 110 20

Lab Sample ID: 880-37028-47 MS Client Sample ID: T-5 (9') Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 69317

Sample Sample Spike MS MS %Rec Qualifier Added Analyte Result Result Qualifier Unit D %Rec Limits Chloride 696 250 931.8 mg/Kg 94 90 - 110

Lab Sample ID: 880-37028-47 MSD Client Sample ID: T-5 (9') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69317

MSD MSD RPD Spike %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 696 250 927.2 mg/Kg 90 - 110

Lab Sample ID: 880-37028-57 MS Client Sample ID: T-7 (0-1.0') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69317

MS MS Spike %Rec Sample Sample Added %Rec Analyte Result Qualifier Result Qualifier Unit D Limits Chloride 2150 1260 3447 103 90 - 110 mg/Kg

Lab Sample ID: 880-37028-57 MSD Client Sample ID: T-7 (0-1.0') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69317

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 2150 1260 3409 mg/Kg 100 90 - 110

Lab Sample ID: MB 880-69276/1-A Client Sample ID: Method Blank Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 69318

мв мв

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride <5.00 5.00 mg/Kg 12/18/23 21:55

Lab Sample ID: LCS 880-69276/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69318

LCS LCS %Rec Spike Added Result Qualifier Limits Analyte Unit %Rec Chloride 250 267.4 mg/Kg 107 90 - 110

Lab Sample ID: LCSD 880-69276/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69318

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 250 260.6 mg/Kg 104 90 - 110 20

Job ID: 880-37028-1

Client: Carmona Resources Project/Site: Paduca Main

SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-37027-A-19-C MS

Client Sample ID: Matrix Spike **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69318

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	966	F1	249	1182	F1	mg/Kg		87	90 - 110	

Lab Sample ID: 880-37027-A-19-D MSD Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Matrix: Solid

Analysis Batch: 69318

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	966	F1	249	1173	F1	mg/Kg		83	90 - 110	1	20

Lab Sample ID: MB 880-69243/1-A Client Sample ID: Method Blank **Matrix: Solid**

Prep Type: Soluble

Analysis Batch: 69319

мв мв Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 12/19/23 00:45 mg/Kg

Lab Sample ID: LCS 880-69243/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69319

	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier	Unit D	%Rec	Limits	
Chloride	250	268.9		mg/Kg	108	90 - 110	

Lab Sample ID: LCSD 880-69243/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69319

	Spike	LCSD LCSD				70 KeC		KFD	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	250	262.4	mg/Kg		105	90 - 110	2	20	

Lab Sample ID: 880-37028-8 MS Client Sample ID: T-2 (4') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69319

-	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	1850	F1	1260	3326	F1	ma/Ka	_	117	90 110		-

Lab Sample ID: 880-37028-8 MSD Client Sample ID: T-2 (4') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69319

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	1850	F1	1260	3286	F1	mg/Kg		113	90 - 110	1	20

Lab Sample ID: 880-37028-17 MS Client Sample ID: T-3 (0-1')

Matrix: Solid

Analysis Batch: 69319

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Analysis Baton, 60010										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	4400	F1	2480	7256	F1	mg/Kg		115	90 - 110	

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Prep Type: Soluble

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

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Client Sample ID: T-4 (2')

Client Sample ID: T-4 (2')

Client Sample ID: T-4 (12')

Client Sample ID: T-4 (12')

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Prep Type: Soluble

Job ID: 880-37028-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-37028-17 MSD

Matrix: Solid Analysis Batch: 69319

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	4400	F1	2480	7049		mg/Kg	_	107	90 - 110	3	20

Lab Sample ID: MB 880-69244/1-A

Matrix: Solid

Analysis Batch: 69405

MB	MB

Result Qualifier MDL Unit Analyte RL Prepared Analyzed Dil Fac Chloride <5.00 U 5.00 mg/Kg 12/19/23 19:51

Lab Sample ID: LCS 880-69244/2-A **Client Sample ID: Lab Control Sample** Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 69405

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	265.0		mg/Kg	_	106	90 - 110	

Lab Sample ID: LCSD 880-69244/3-A

Matrix: Solid

Analysis Batch: 69405

	Spil	te LCSD	LCSD				%Rec		RPD
Analyte	Adde	d Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	25	260.0		mg/Kg		104	90 - 110	2	20

Lab Sample ID: 880-37028-27 MS

Matrix: Solid

Analysis Batch: 69405

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	604		253	849.8		ma/Ka		97	90 - 110	

Lab Sample ID: 880-37028-27 MSD

Matrix: Solid

Analysis Batch: 69405

•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	604		253	841 3		ma/Ka		94	90 - 110		20	

Lab Sample ID: 880-37028-37 MS

Matrix: Solid

Analysis Batch: 69405

Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits

Lab Sample ID: 880-37028-37 MSD

Matrix: Solid

Analysis Batch: 69405											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	26.8		251	281.2		mg/Kg		101	90 - 110	2	20

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QC Sample Results

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-69316/1-A

Matrix: Solid

Analysis Batch: 69406

Client Sample ID: Method Blank **Prep Type: Soluble**

мв мв MDL Unit Dil Fac Analyte Result Qualifier RL D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 12/19/23 22:41

Lab Sample ID: LCS 880-69316/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69406

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 265.3 mg/Kg 106 90 - 110

Lab Sample ID: LCSD 880-69316/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble** Analysis Batch: 69406

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 250 259.9 104 mg/Kg 90 - 110

Lab Sample ID: 880-37028-67 MS Client Sample ID: T-8 (5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 69406

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 119 252 381.8 105 90 - 110 mg/Kg

Lab Sample ID: 880-37028-67 MSD Client Sample ID: T-8 (5') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 69406

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 252 119 375.2 mg/Kg 102 90 - 110 20

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA

Analysis Batch: 69271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-1	T-1 (0-1.0')	Total/NA	Solid	8021B	69291
880-37028-2	T-1 (1.5')	Total/NA	Solid	8021B	69291
880-37028-3	T-1 (2.0')	Total/NA	Solid	8021B	69291
880-37028-4	T-2 (0-1.0')	Total/NA	Solid	8021B	69291
880-37028-5	T-2 (1.5')	Total/NA	Solid	8021B	69291
880-37028-6	T-2 (2')	Total/NA	Solid	8021B	69291
880-37028-7	T-2 (3')	Total/NA	Solid	8021B	69291
880-37028-8	T-2 (4')	Total/NA	Solid	8021B	69291
880-37028-9	T-2 (5')	Total/NA	Solid	8021B	69291
880-37028-10	T-2 (6')	Total/NA	Solid	8021B	69291
880-37028-11	T-2 (7')	Total/NA	Solid	8021B	69291
880-37028-12	T-2 (8')	Total/NA	Solid	8021B	69291
880-37028-13	T-2 (9')	Total/NA	Solid	8021B	69291
880-37028-14	T-2 (10')	Total/NA	Solid	8021B	69291
880-37028-15	T-2 (12')	Total/NA	Solid	8021B	69291
880-37028-16	T-2 (11')	Total/NA	Solid	8021B	69291
880-37028-17	T-3 (0-1')	Total/NA	Solid	8021B	69291
880-37028-18	T-3 (1.5')	Total/NA	Solid	8021B	69291
880-37028-19	T-3 (2')	Total/NA	Solid	8021B	69291
880-37028-20	T-3 (3')	Total/NA	Solid	8021B	69291
MB 880-69271/8	Method Blank	Total/NA	Solid	8021B	
MB 880-69291/5-A	Method Blank	Total/NA	Solid	8021B	69291
LCS 880-69291/1-A	Lab Control Sample	Total/NA	Solid	8021B	69291
LCSD 880-69291/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69291
880-37028-1 MS	T-1 (0-1.0')	Total/NA	Solid	8021B	69291
880-37028-1 MSD	T-1 (0-1.0')	Total/NA	Solid	8021B	69291

Prep Batch: 69291

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-1	T-1 (0-1.0')	Total/NA	Solid	5035	
880-37028-2	T-1 (1.5')	Total/NA	Solid	5035	
880-37028-3	T-1 (2.0')	Total/NA	Solid	5035	
880-37028-4	T-2 (0-1.0')	Total/NA	Solid	5035	
880-37028-5	T-2 (1.5')	Total/NA	Solid	5035	
880-37028-6	T-2 (2')	Total/NA	Solid	5035	
880-37028-7	T-2 (3')	Total/NA	Solid	5035	
880-37028-8	T-2 (4')	Total/NA	Solid	5035	
880-37028-9	T-2 (5')	Total/NA	Solid	5035	
880-37028-10	T-2 (6')	Total/NA	Solid	5035	
880-37028-11	T-2 (7')	Total/NA	Solid	5035	
880-37028-12	T-2 (8')	Total/NA	Solid	5035	
380-37028-13	T-2 (9')	Total/NA	Solid	5035	
880-37028-14	T-2 (10')	Total/NA	Solid	5035	
880-37028-15	T-2 (12')	Total/NA	Solid	5035	
380-37028-16	T-2 (11')	Total/NA	Solid	5035	
880-37028-17	T-3 (0-1')	Total/NA	Solid	5035	
880-37028-18	T-3 (1.5')	Total/NA	Solid	5035	
880-37028-19	T-3 (2')	Total/NA	Solid	5035	
880-37028-20	T-3 (3')	Total/NA	Solid	5035	
MB 880-69291/5-A	Method Blank	Total/NA	Solid	5035	
_CS 880-69291/1-A	Lab Control Sample	Total/NA	Solid	5035	

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Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA (Continued)

Prep Batch: 69291 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-69291/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37028-1 MS	T-1 (0-1.0')	Total/NA	Solid	5035	
880-37028-1 MSD	T-1 (0-1.0')	Total/NA	Solid	5035	

Prep Batch: 69292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-21	T-3 (4')	Total/NA	Solid	5035	
880-37028-22	T-3 (5')	Total/NA	Solid	5035	
880-37028-23	T-3 (6')	Total/NA	Solid	5035	
880-37028-24	T-3 (7')	Total/NA	Solid	5035	
880-37028-25	T-4 (0-1.0')	Total/NA	Solid	5035	
880-37028-26	T-4 (1.5')	Total/NA	Solid	5035	
880-37028-27	T-4 (2')	Total/NA	Solid	5035	
880-37028-28	T-4 (3')	Total/NA	Solid	5035	
880-37028-29	T-4 (4')	Total/NA	Solid	5035	
880-37028-30	T-4 (5')	Total/NA	Solid	5035	
880-37028-31	T-4 (6')	Total/NA	Solid	5035	
880-37028-32	T-4 (7')	Total/NA	Solid	5035	
880-37028-33	T-4 (8')	Total/NA	Solid	5035	
880-37028-34	T-4 (9')	Total/NA	Solid	5035	
880-37028-35	T-4 (10')	Total/NA	Solid	5035	
880-37028-36	T-4 (11')	Total/NA	Solid	5035	
880-37028-37	T-4 (12')	Total/NA	Solid	5035	
880-37028-38	T-5 (0-1.0')	Total/NA	Solid	5035	
880-37028-39	T-5 (1.5')	Total/NA	Solid	5035	
880-37028-40	T-5 (2')	Total/NA	Solid	5035	
MB 880-69292/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69292/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69292/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37028-21 MS	T-3 (4')	Total/NA	Solid	5035	
880-37028-21 MSD	T-3 (4')	Total/NA	Solid	5035	

Prep Batch: 69312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-37028-41	T-5 (3')	Total/NA	Solid	5035	
880-37028-42	T-5 (4')	Total/NA	Solid	5035	
380-37028-43	T-5 (5')	Total/NA	Solid	5035	
880-37028-44	T-5 (6')	Total/NA	Solid	5035	
880-37028-45	T-5 (7')	Total/NA	Solid	5035	
880-37028-46	T-5 (8')	Total/NA	Solid	5035	
880-37028-47	T-5 (9')	Total/NA	Solid	5035	
380-37028-48	T-5 (10')	Total/NA	Solid	5035	
880-37028-49	T-5 (11')	Total/NA	Solid	5035	
880-37028-50	T-6 (0-1.0')	Total/NA	Solid	5035	
880-37028-51	T-6 (1.5')	Total/NA	Solid	5035	
880-37028-52	T-6 (2')	Total/NA	Solid	5035	
880-37028-53	T-6 (3')	Total/NA	Solid	5035	
880-37028-54	T-6 (4')	Total/NA	Solid	5035	
880-37028-55	T-6 (5')	Total/NA	Solid	5035	
880-37028-56	T-6 (6')	Total/NA	Solid	5035	
880-37028-57	T-7 (0-1.0')	Total/NA	Solid	5035	

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12/22/2023

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA (Continued)

Prep Batch: 69312 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-58	T-7 (1.5')	Total/NA	Solid	5035	
880-37028-59	T-7 (2')	Total/NA	Solid	5035	
880-37028-60	T-7 (3')	Total/NA	Solid	5035	
MB 880-69312/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69312/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69312/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-37028-41 MS	T-5 (3')	Total/NA	Solid	5035	
880-37028-41 MSD	T-5 (3')	Total/NA	Solid	5035	

Prep Batch: 69313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-61	T-7 (4')	Total/NA	Solid	5035	
880-37028-62	T-8 (0-1.0')	Total/NA	Solid	5035	
880-37028-63	T-8 (1.5')	Total/NA	Solid	5035	
880-37028-64	T-8 (2')	Total/NA	Solid	5035	
880-37028-65	T-8 (3')	Total/NA	Solid	5035	
880-37028-66	T-8 (4')	Total/NA	Solid	5035	
880-37028-67	T-8 (5')	Total/NA	Solid	5035	
880-37028-68	T-8 (6')	Total/NA	Solid	5035	
MB 880-69313/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-69313/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-69313/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 69397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-37028-1	T-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37028-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-37028-3	T-1 (2.0')	Total/NA	Solid	Total BTEX	
880-37028-4	T-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37028-5	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-37028-6	T-2 (2')	Total/NA	Solid	Total BTEX	
880-37028-7	T-2 (3')	Total/NA	Solid	Total BTEX	
880-37028-8	T-2 (4')	Total/NA	Solid	Total BTEX	
880-37028-9	T-2 (5')	Total/NA	Solid	Total BTEX	
880-37028-10	T-2 (6')	Total/NA	Solid	Total BTEX	
880-37028-11	T-2 (7')	Total/NA	Solid	Total BTEX	
880-37028-12	T-2 (8')	Total/NA	Solid	Total BTEX	
880-37028-13	T-2 (9')	Total/NA	Solid	Total BTEX	
880-37028-14	T-2 (10')	Total/NA	Solid	Total BTEX	
880-37028-15	T-2 (12')	Total/NA	Solid	Total BTEX	
880-37028-16	T-2 (11')	Total/NA	Solid	Total BTEX	
880-37028-17	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-37028-18	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-37028-19	T-3 (2')	Total/NA	Solid	Total BTEX	
880-37028-20	T-3 (3')	Total/NA	Solid	Total BTEX	
880-37028-21	T-3 (4')	Total/NA	Solid	Total BTEX	
880-37028-22	T-3 (5')	Total/NA	Solid	Total BTEX	
880-37028-23	T-3 (6')	Total/NA	Solid	Total BTEX	
880-37028-24	T-3 (7')	Total/NA	Solid	Total BTEX	
880-37028-25	T-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37028-26	T-4 (1.5')	Total/NA	Solid	Total BTEX	

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA (Continued)

Analysis Batch: 69397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-37028-27	T-4 (2')	Total/NA	Solid	Total BTEX	
880-37028-28	T-4 (3')	Total/NA	Solid	Total BTEX	
880-37028-29	T-4 (4')	Total/NA	Solid	Total BTEX	
880-37028-30	T-4 (5')	Total/NA	Solid	Total BTEX	
880-37028-31	T-4 (6')	Total/NA	Solid	Total BTEX	
880-37028-32	T-4 (7')	Total/NA	Solid	Total BTEX	
880-37028-33	T-4 (8')	Total/NA	Solid	Total BTEX	
880-37028-34	T-4 (9')	Total/NA	Solid	Total BTEX	
880-37028-35	T-4 (10')	Total/NA	Solid	Total BTEX	
880-37028-36	T-4 (11')	Total/NA	Solid	Total BTEX	
880-37028-37	T-4 (12')	Total/NA	Solid	Total BTEX	
880-37028-38	T-5 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37028-39	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-37028-40	T-5 (2')	Total/NA	Solid	Total BTEX	
880-37028-41	T-5 (3')	Total/NA	Solid	Total BTEX	
880-37028-42	T-5 (4')	Total/NA	Solid	Total BTEX	
880-37028-43	T-5 (5')	Total/NA	Solid	Total BTEX	
880-37028-44	T-5 (6')	Total/NA	Solid	Total BTEX	
880-37028-45	T-5 (7')	Total/NA	Solid	Total BTEX	
880-37028-46	T-5 (8')	Total/NA	Solid	Total BTEX	
880-37028-47	T-5 (9')	Total/NA	Solid	Total BTEX	
880-37028-48	T-5 (10')	Total/NA	Solid	Total BTEX	
880-37028-49	T-5 (11')	Total/NA	Solid	Total BTEX	
880-37028-50	T-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37028-51	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-37028-52	T-6 (2')	Total/NA	Solid	Total BTEX	
880-37028-53	T-6 (3')	Total/NA	Solid	Total BTEX	
880-37028-54	T-6 (4')	Total/NA	Solid	Total BTEX	
880-37028-55	T-6 (5')	Total/NA	Solid	Total BTEX	
880-37028-56	T-6 (6')	Total/NA	Solid	Total BTEX	
880-37028-57	T-7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37028-58	T-7 (1.5')	Total/NA	Solid	Total BTEX	
880-37028-59	T-7 (2')	Total/NA	Solid	Total BTEX	
880-37028-60	T-7 (3')	Total/NA	Solid	Total BTEX	
880-37028-61	T-7 (4')	Total/NA	Solid	Total BTEX	
880-37028-62	T-8 (0-1.0')	Total/NA	Solid	Total BTEX	
880-37028-63	T-8 (1.5')	Total/NA	Solid	Total BTEX	
880-37028-64	T-8 (2')	Total/NA	Solid	Total BTEX	
880-37028-65	T-8 (3')	Total/NA	Solid	Total BTEX	
880-37028-66	T-8 (4')	Total/NA	Solid	Total BTEX	
880-37028-67	T-8 (5')	Total/NA	Solid	Total BTEX	
880-37028-68	T-8 (6')	Total/NA	Solid	Total BTEX	

Analysis Batch: 69426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-21	T-3 (4')	Total/NA	Solid	8021B	69292
880-37028-22	T-3 (5')	Total/NA	Solid	8021B	69292
880-37028-23	T-3 (6')	Total/NA	Solid	8021B	69292
880-37028-24	T-3 (7')	Total/NA	Solid	8021B	69292
880-37028-25	T-4 (0-1.0')	Total/NA	Solid	8021B	69292
880-37028-26	T-4 (1.5')	Total/NA	Solid	8021B	69292

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Client: Carmona ResourcesJob ID: 880-37028-1Project/Site: Paduca MainSDG: Lea Co. NM

GC VOA (Continued)

Analysis Batch: 69426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-27	T-4 (2')	Total/NA	Solid	8021B	69292
880-37028-28	T-4 (3')	Total/NA	Solid	8021B	69292
880-37028-29	T-4 (4')	Total/NA	Solid	8021B	69292
880-37028-30	T-4 (5')	Total/NA	Solid	8021B	69292
880-37028-31	T-4 (6')	Total/NA	Solid	8021B	69292
880-37028-32	T-4 (7')	Total/NA	Solid	8021B	69292
880-37028-33	T-4 (8')	Total/NA	Solid	8021B	69292
880-37028-34	T-4 (9')	Total/NA	Solid	8021B	69292
880-37028-35	T-4 (10')	Total/NA	Solid	8021B	69292
880-37028-36	T-4 (11')	Total/NA	Solid	8021B	69292
880-37028-37	T-4 (12')	Total/NA	Solid	8021B	69292
880-37028-38	T-5 (0-1.0')	Total/NA	Solid	8021B	69292
880-37028-39	T-5 (1.5')	Total/NA	Solid	8021B	69292
880-37028-40	T-5 (2')	Total/NA	Solid	8021B	69292
880-37028-61	T-7 (4')	Total/NA	Solid	8021B	69313
880-37028-62	T-8 (0-1.0')	Total/NA	Solid	8021B	69313
880-37028-63	T-8 (1.5')	Total/NA	Solid	8021B	69313
880-37028-64	T-8 (2')	Total/NA	Solid	8021B	69313
880-37028-65	T-8 (3')	Total/NA	Solid	8021B	69313
880-37028-66	T-8 (4')	Total/NA	Solid	8021B	69313
880-37028-67	T-8 (5')	Total/NA	Solid	8021B	69313
880-37028-68	T-8 (6')	Total/NA	Solid	8021B	69313
MB 880-69292/5-A	Method Blank	Total/NA	Solid	8021B	69292
MB 880-69313/5-A	Method Blank	Total/NA	Solid	8021B	69313
LCS 880-69292/1-A	Lab Control Sample	Total/NA	Solid	8021B	69292
LCS 880-69313/1-A	Lab Control Sample	Total/NA	Solid	8021B	69313
LCSD 880-69292/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69292
LCSD 880-69313/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69313
880-37028-21 MS	T-3 (4')	Total/NA	Solid	8021B	69292
880-37028-21 MSD	T-3 (4')	Total/NA	Solid	8021B	69292

Analysis Batch: 69579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-41	T-5 (3')	Total/NA	Solid	8021B	69312
880-37028-42	T-5 (4')	Total/NA	Solid	8021B	69312
880-37028-43	T-5 (5')	Total/NA	Solid	8021B	69312
880-37028-44	T-5 (6')	Total/NA	Solid	8021B	69312
880-37028-45	T-5 (7')	Total/NA	Solid	8021B	69312
880-37028-46	T-5 (8')	Total/NA	Solid	8021B	69312
880-37028-47	T-5 (9')	Total/NA	Solid	8021B	69312
880-37028-48	T-5 (10')	Total/NA	Solid	8021B	69312
880-37028-49	T-5 (11')	Total/NA	Solid	8021B	69312
880-37028-50	T-6 (0-1.0')	Total/NA	Solid	8021B	69312
880-37028-51	T-6 (1.5')	Total/NA	Solid	8021B	69312
880-37028-52	T-6 (2')	Total/NA	Solid	8021B	69312
880-37028-53	T-6 (3')	Total/NA	Solid	8021B	69312
880-37028-54	T-6 (4')	Total/NA	Solid	8021B	69312
880-37028-55	T-6 (5')	Total/NA	Solid	8021B	69312
880-37028-56	T-6 (6')	Total/NA	Solid	8021B	69312
880-37028-57	T-7 (0-1.0')	Total/NA	Solid	8021B	69312
880-37028-58	T-7 (1.5')	Total/NA	Solid	8021B	69312

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

GC VOA (Continued)

Analysis Batch: 69579 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-59	T-7 (2')	Total/NA	Solid	8021B	69312
880-37028-60	T-7 (3')	Total/NA	Solid	8021B	69312
MB 880-69312/5-A	Method Blank	Total/NA	Solid	8021B	69312
LCS 880-69312/1-A	Lab Control Sample	Total/NA	Solid	8021B	69312
LCSD 880-69312/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	69312
880-37028-41 MS	T-5 (3')	Total/NA	Solid	8021B	69312
880-37028-41 MSD	T-5 (3')	Total/NA	Solid	8021B	69312

GC Semi VOA

Prep Batch: 69253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-1	T-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37028-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-3	T-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-37028-4	T-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37028-5	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-6	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-37028-7	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-37028-8	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-37028-9	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-37028-10	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-37028-11	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-37028-12	T-2 (8')	Total/NA	Solid	8015NM Prep	
880-37028-13	T-2 (9')	Total/NA	Solid	8015NM Prep	
880-37028-14	T-2 (10')	Total/NA	Solid	8015NM Prep	
880-37028-15	T-2 (12')	Total/NA	Solid	8015NM Prep	
880-37028-16	T-2 (11')	Total/NA	Solid	8015NM Prep	
880-37028-17	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-37028-18	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-19	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-37028-20	T-3 (3')	Total/NA	Solid	8015NM Prep	
MB 880-69253/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69253/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-37028-2 MS	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-2 MSD	T-1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 69255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-21	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-37028-22	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-37028-23	T-3 (6')	Total/NA	Solid	8015NM Prep	
880-37028-24	T-3 (7')	Total/NA	Solid	8015NM Prep	
880-37028-25	T-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37028-26	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-27	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-37028-28	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-37028-29	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-37028-30	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-37028-31	T-4 (6')	Total/NA	Solid	8015NM Prep	

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA (Continued)

Prep Batch: 69255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-32	T-4 (7')	Total/NA	Solid	8015NM Prep	
880-37028-33	T-4 (8')	Total/NA	Solid	8015NM Prep	
880-37028-34	T-4 (9')	Total/NA	Solid	8015NM Prep	
880-37028-35	T-4 (10')	Total/NA	Solid	8015NM Prep	
880-37028-36	T-4 (11')	Total/NA	Solid	8015NM Prep	
880-37028-37	T-4 (12')	Total/NA	Solid	8015NM Prep	
880-37028-38	T-5 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37028-39	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-40	T-5 (2')	Total/NA	Solid	8015NM Prep	
MB 880-69255/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69255/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69255/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-37028-21 MS	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-37028-21 MSD	T-3 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 69256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-41	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-37028-42	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-37028-43	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-37028-44	T-5 (6')	Total/NA	Solid	8015NM Prep	
880-37028-45	T-5 (7')	Total/NA	Solid	8015NM Prep	
880-37028-46	T-5 (8')	Total/NA	Solid	8015NM Prep	
880-37028-47	T-5 (9')	Total/NA	Solid	8015NM Prep	
880-37028-48	T-5 (10')	Total/NA	Solid	8015NM Prep	
880-37028-49	T-5 (11')	Total/NA	Solid	8015NM Prep	
880-37028-50	T-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37028-51	T-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-52	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-37028-53	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-37028-54	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-37028-55	T-6 (5')	Total/NA	Solid	8015NM Prep	
880-37028-56	T-6 (6')	Total/NA	Solid	8015NM Prep	
880-37028-57	T-7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37028-58	T-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-59	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-37028-60	T-7 (3')	Total/NA	Solid	8015NM Prep	
MB 880-69256/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69256/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69256/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-37028-41 MS	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-37028-41 MSD	T-5 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 69258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-61	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-37028-62	T-8 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-37028-63	T-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-37028-64	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-37028-65	T-8 (3')	Total/NA	Solid	8015NM Prep	
880-37028-66	T-8 (4')	Total/NA	Solid	8015NM Prep	

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Client: Carmona ResourcesJob ID: 880-37028-1Project/Site: Paduca MainSDG: Lea Co. NM

GC Semi VOA (Continued)

Prep Batch: 69258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-67	T-8 (5')	Total/NA	Solid	8015NM Prep	
880-37028-68	T-8 (6')	Total/NA	Solid	8015NM Prep	
MB 880-69258/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-69258/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-69258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-37028-61 MS	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-37028-61 MSD	T-7 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 69259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
380-37028-1	T-1 (0-1.0')	Total/NA	Solid	8015B NM	6925
380-37028-2	T-1 (1.5')	Total/NA	Solid	8015B NM	6925
880-37028-3	T-1 (2.0')	Total/NA	Solid	8015B NM	6925
880-37028-4	T-2 (0-1.0')	Total/NA	Solid	8015B NM	6925
880-37028-5	T-2 (1.5')	Total/NA	Solid	8015B NM	6925
880-37028-6	T-2 (2')	Total/NA	Solid	8015B NM	6925
880-37028-7	T-2 (3')	Total/NA	Solid	8015B NM	6925
880-37028-8	T-2 (4')	Total/NA	Solid	8015B NM	6925
880-37028-9	T-2 (5')	Total/NA	Solid	8015B NM	6925
880-37028-10	T-2 (6')	Total/NA	Solid	8015B NM	6925
880-37028-11	T-2 (7')	Total/NA	Solid	8015B NM	6925
880-37028-12	T-2 (8')	Total/NA	Solid	8015B NM	6925
880-37028-13	T-2 (9')	Total/NA	Solid	8015B NM	6925
880-37028-14	T-2 (10')	Total/NA	Solid	8015B NM	6925
880-37028-15	T-2 (12')	Total/NA	Solid	8015B NM	6925
880-37028-16	T-2 (11')	Total/NA	Solid	8015B NM	6925
880-37028-17	T-3 (0-1')	Total/NA	Solid	8015B NM	6925
880-37028-18	T-3 (1.5')	Total/NA	Solid	8015B NM	6925
880-37028-19	T-3 (2')	Total/NA	Solid	8015B NM	6925
880-37028-20	T-3 (3')	Total/NA	Solid	8015B NM	6925
880-37028-21	T-3 (4')	Total/NA	Solid	8015B NM	6925
880-37028-22	T-3 (5')	Total/NA	Solid	8015B NM	6925
880-37028-23	T-3 (6')	Total/NA	Solid	8015B NM	6925
880-37028-24	T-3 (7')	Total/NA	Solid	8015B NM	6925
880-37028-25	T-4 (0-1.0')	Total/NA	Solid	8015B NM	6925
880-37028-26	T-4 (1.5')	Total/NA	Solid	8015B NM	6925
880-37028-27	T-4 (2')	Total/NA	Solid	8015B NM	6925
880-37028-28	T-4 (3')	Total/NA	Solid	8015B NM	6925
880-37028-29	T-4 (4')	Total/NA	Solid	8015B NM	6925
880-37028-30	T-4 (5')	Total/NA	Solid	8015B NM	6925
880-37028-31	T-4 (6')	Total/NA	Solid	8015B NM	6925
880-37028-32	T-4 (7')	Total/NA	Solid	8015B NM	6925
880-37028-33	T-4 (8')	Total/NA	Solid	8015B NM	6925
880-37028-34	T-4 (9')	Total/NA	Solid	8015B NM	6925
880-37028-35	T-4 (10')	Total/NA	Solid	8015B NM	6925
880-37028-36	T-4 (11')	Total/NA	Solid	8015B NM	6925
880-37028-37	T-4 (12')	Total/NA	Solid	8015B NM	6925
880-37028-38	T-5 (0-1.0')	Total/NA	Solid	8015B NM	6925
880-37028-39	T-5 (0-1.0)	Total/NA	Solid	8015B NM	6925
880-37028-40	T-5 (1.3)	Total/NA	Solid	8015B NM	6925
MB 880-69253/1-A	Method Blank	Total/NA	Solid	8015B NM	6925

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 69259 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-69255/1-A	Method Blank	Total/NA	Solid	8015B NM	69255
LCS 880-69253/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69253
LCS 880-69255/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69255
LCSD 880-69253/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69253
LCSD 880-69255/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69255
880-37028-2 MS	T-1 (1.5')	Total/NA	Solid	8015B NM	69253
880-37028-2 MSD	T-1 (1.5')	Total/NA	Solid	8015B NM	69253
880-37028-21 MS	T-3 (4')	Total/NA	Solid	8015B NM	69255
880-37028-21 MSD	T-3 (4')	Total/NA	Solid	8015B NM	69255

Analysis Batch: 69261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-37028-41	T-5 (3')	Total/NA	Solid	8015B NM	69250
880-37028-42	T-5 (4')	Total/NA	Solid	8015B NM	69250
880-37028-43	T-5 (5')	Total/NA	Solid	8015B NM	69250
880-37028-44	T-5 (6')	Total/NA	Solid	8015B NM	69256
880-37028-45	T-5 (7')	Total/NA	Solid	8015B NM	69256
880-37028-46	T-5 (8')	Total/NA	Solid	8015B NM	69256
880-37028-47	T-5 (9')	Total/NA	Solid	8015B NM	69256
880-37028-48	T-5 (10')	Total/NA	Solid	8015B NM	69256
880-37028-49	T-5 (11')	Total/NA	Solid	8015B NM	69256
880-37028-50	T-6 (0-1.0')	Total/NA	Solid	8015B NM	69256
880-37028-51	T-6 (1.5')	Total/NA	Solid	8015B NM	69256
880-37028-52	T-6 (2')	Total/NA	Solid	8015B NM	69256
880-37028-53	T-6 (3')	Total/NA	Solid	8015B NM	69256
880-37028-54	T-6 (4')	Total/NA	Solid	8015B NM	69256
880-37028-55	T-6 (5')	Total/NA	Solid	8015B NM	69256
880-37028-56	T-6 (6')	Total/NA	Solid	8015B NM	69256
880-37028-57	T-7 (0-1.0')	Total/NA	Solid	8015B NM	69256
880-37028-58	T-7 (1.5')	Total/NA	Solid	8015B NM	69256
880-37028-59	T-7 (2')	Total/NA	Solid	8015B NM	69256
880-37028-60	T-7 (3')	Total/NA	Solid	8015B NM	69256
880-37028-61	T-7 (4')	Total/NA	Solid	8015B NM	69258
880-37028-62	T-8 (0-1.0')	Total/NA	Solid	8015B NM	69258
880-37028-63	T-8 (1.5')	Total/NA	Solid	8015B NM	69258
880-37028-64	T-8 (2')	Total/NA	Solid	8015B NM	69258
880-37028-65	T-8 (3')	Total/NA	Solid	8015B NM	69258
880-37028-66	T-8 (4')	Total/NA	Solid	8015B NM	69258
880-37028-67	T-8 (5')	Total/NA	Solid	8015B NM	69258
880-37028-68	T-8 (6')	Total/NA	Solid	8015B NM	69258
MB 880-69256/1-A	Method Blank	Total/NA	Solid	8015B NM	69256
MB 880-69258/1-A	Method Blank	Total/NA	Solid	8015B NM	69258
LCS 880-69256/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69256
LCS 880-69258/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	69258
LCSD 880-69256/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69256
LCSD 880-69258/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	69258
880-37028-41 MS	T-5 (3')	Total/NA	Solid	8015B NM	69256
880-37028-41 MSD	T-5 (3')	Total/NA	Solid	8015B NM	69256
880-37028-61 MS	T-7 (4')	Total/NA	Solid	8015B NM	69258
880-37028-61 MSD	T-7 (4')	Total/NA	Solid	8015B NM	69258

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Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA

Analysis Batch: 69305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-1	T-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-37028-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-37028-3	T-1 (2.0')	Total/NA	Solid	8015 NM	
880-37028-4	T-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-37028-5	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-37028-6	T-2 (2')	Total/NA	Solid	8015 NM	
880-37028-7	T-2 (3')	Total/NA	Solid	8015 NM	
880-37028-8	T-2 (4')	Total/NA	Solid	8015 NM	
880-37028-9	T-2 (5')	Total/NA	Solid	8015 NM	
880-37028-10	T-2 (6')	Total/NA	Solid	8015 NM	
880-37028-11	T-2 (7')	Total/NA	Solid	8015 NM	
880-37028-12	T-2 (8')	Total/NA	Solid	8015 NM	
880-37028-13	T-2 (9')	Total/NA	Solid	8015 NM	
880-37028-14	T-2 (10')	Total/NA	Solid	8015 NM	
880-37028-15	T-2 (12')	Total/NA	Solid	8015 NM	
880-37028-16	T-2 (11')	Total/NA	Solid	8015 NM	
880-37028-17	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-37028-18	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-37028-19	T-3 (2')	Total/NA	Solid	8015 NM	
880-37028-20	T-3 (3')	Total/NA	Solid	8015 NM	
880-37028-21	T-3 (4')	Total/NA	Solid	8015 NM	
880-37028-22	T-3 (5')	Total/NA	Solid	8015 NM	
880-37028-23	T-3 (6')	Total/NA	Solid	8015 NM	
880-37028-24	T-3 (7')	Total/NA	Solid	8015 NM	
880-37028-25	T-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-37028-26	T-4 (0-1.5')	Total/NA	Solid	8015 NM	
880-37028-27	T-4 (2')	Total/NA	Solid	8015 NM	
880-37028-28	T-4 (3')	Total/NA	Solid	8015 NM	
880-37028-29	T-4 (4')	Total/NA	Solid	8015 NM	
880-37028-30	T-4 (5')	Total/NA	Solid	8015 NM	
880-37028-31			Solid		
880-37028-32	T-4 (6') T-4 (7')	Total/NA	Solid	8015 NM 8015 NM	
	, ,	Total/NA			
880-37028-33	T-4 (8')	Total/NA	Solid	8015 NM	
880-37028-34	T-4 (9')	Total/NA	Solid	8015 NM	
880-37028-35	T-4 (10')	Total/NA	Solid	8015 NM	
880-37028-36	T-4 (11')	Total/NA	Solid	8015 NM	
880-37028-37	T-4 (12')	Total/NA	Solid	8015 NM	
880-37028-38	T-5 (0-1.0')	Total/NA	Solid	8015 NM	
880-37028-39	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-37028-40	T-5 (2')	Total/NA	Solid	8015 NM	
880-37028-41	T-5 (3')	Total/NA	Solid	8015 NM	
880-37028-42	T-5 (4')	Total/NA	Solid	8015 NM	
880-37028-43	T-5 (5')	Total/NA	Solid	8015 NM	
880-37028-44	T-5 (6')	Total/NA	Solid	8015 NM	
880-37028-45	T-5 (7')	Total/NA	Solid	8015 NM	
880-37028-46	T-5 (8')	Total/NA	Solid	8015 NM	
880-37028-47	T-5 (9')	Total/NA	Solid	8015 NM	
880-37028-48	T-5 (10')	Total/NA	Solid	8015 NM	
880-37028-49	T-5 (11')	Total/NA	Solid	8015 NM	
880-37028-50	T-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-37028-51	T-6 (1.5')	Total/NA	Solid	8015 NM	

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 69305 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-37028-52	T-6 (2')	Total/NA	Solid	8015 NM	
880-37028-53	T-6 (3')	Total/NA	Solid	8015 NM	
880-37028-54	T-6 (4')	Total/NA	Solid	8015 NM	
880-37028-55	T-6 (5')	Total/NA	Solid	8015 NM	
880-37028-56	T-6 (6')	Total/NA	Solid	8015 NM	
880-37028-57	T-7 (0-1.0')	Total/NA	Solid	8015 NM	
880-37028-58	T-7 (1.5')	Total/NA	Solid	8015 NM	
880-37028-59	T-7 (2')	Total/NA	Solid	8015 NM	
880-37028-60	T-7 (3')	Total/NA	Solid	8015 NM	
880-37028-61	T-7 (4')	Total/NA	Solid	8015 NM	
880-37028-62	T-8 (0-1.0')	Total/NA	Solid	8015 NM	
880-37028-63	T-8 (1.5')	Total/NA	Solid	8015 NM	
880-37028-64	T-8 (2')	Total/NA	Solid	8015 NM	
880-37028-65	T-8 (3')	Total/NA	Solid	8015 NM	
880-37028-66	T-8 (4')	Total/NA	Solid	8015 NM	
880-37028-67	T-8 (5')	Total/NA	Solid	8015 NM	
880-37028-68	T-8 (6')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 69243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Bato
880-37028-7	T-2 (3')	Soluble	Solid	DI Leach	_
880-37028-8	T-2 (4')	Soluble	Solid	DI Leach	
880-37028-9	T-2 (5')	Soluble	Solid	DI Leach	
880-37028-10	T-2 (6')	Soluble	Solid	DI Leach	
880-37028-11	T-2 (7')	Soluble	Solid	DI Leach	
880-37028-12	T-2 (8')	Soluble	Solid	DI Leach	
880-37028-13	T-2 (9')	Soluble	Solid	DI Leach	
880-37028-14	T-2 (10')	Soluble	Solid	DI Leach	
880-37028-15	T-2 (12')	Soluble	Solid	DI Leach	
880-37028-16	T-2 (11')	Soluble	Solid	DI Leach	
880-37028-17	T-3 (0-1')	Soluble	Solid	DI Leach	
380-37028-18	T-3 (1.5')	Soluble	Solid	DI Leach	
380-37028-19	T-3 (2')	Soluble	Solid	DI Leach	
380-37028-20	T-3 (3')	Soluble	Solid	DI Leach	
380-37028-21	T-3 (4')	Soluble	Solid	DI Leach	
380-37028-22	T-3 (5')	Soluble	Solid	DI Leach	
380-37028-23	T-3 (6')	Soluble	Solid	DI Leach	
880-37028-24	T-3 (7')	Soluble	Solid	DI Leach	
380-37028-25	T-4 (0-1.0')	Soluble	Solid	DI Leach	
380-37028-26	T-4 (1.5')	Soluble	Solid	DI Leach	
MB 880-69243/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69243/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69243/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
380-37028-8 MS	T-2 (4')	Soluble	Solid	DI Leach	
380-37028-8 MSD	T-2 (4')	Soluble	Solid	DI Leach	
380-37028-17 MS	T-3 (0-1')	Soluble	Solid	DI Leach	
880-37028-17 MSD	T-3 (0-1')	Soluble	Solid	DI Leach	

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Client: Carmona Resources

Job ID: 880-37028-1
Project/Site: Paduca Main

SDG: Lea Co. NM

HPLC/IC

Leach Batch: 69244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-27	T-4 (2')	Soluble	Solid	DI Leach	_
880-37028-28	T-4 (3')	Soluble	Solid	DI Leach	
880-37028-29	T-4 (4')	Soluble	Solid	DI Leach	
880-37028-30	T-4 (5')	Soluble	Solid	DI Leach	
880-37028-31	T-4 (6')	Soluble	Solid	DI Leach	
880-37028-32	T-4 (7')	Soluble	Solid	DI Leach	
880-37028-33	T-4 (8')	Soluble	Solid	DI Leach	
880-37028-34	T-4 (9')	Soluble	Solid	DI Leach	
880-37028-35	T-4 (10')	Soluble	Solid	DI Leach	
880-37028-36	T-4 (11')	Soluble	Solid	DI Leach	
880-37028-37	T-4 (12')	Soluble	Solid	DI Leach	
880-37028-38	T-5 (0-1.0')	Soluble	Solid	DI Leach	
880-37028-39	T-5 (1.5')	Soluble	Solid	DI Leach	
880-37028-40	T-5 (2')	Soluble	Solid	DI Leach	
880-37028-41	T-5 (3')	Soluble	Solid	DI Leach	
880-37028-42	T-5 (4')	Soluble	Solid	DI Leach	
880-37028-43	T-5 (5')	Soluble	Solid	DI Leach	
880-37028-44	T-5 (6')	Soluble	Solid	DI Leach	
880-37028-45	T-5 (7')	Soluble	Solid	DI Leach	
880-37028-46	T-5 (8')	Soluble	Solid	DI Leach	
MB 880-69244/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69244/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69244/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37028-27 MS	T-4 (2')	Soluble	Solid	DI Leach	
880-37028-27 MSD	T-4 (2')	Soluble	Solid	DI Leach	
880-37028-37 MS	T-4 (12')	Soluble	Solid	DI Leach	
880-37028-37 MSD	T-4 (12')	Soluble	Solid	DI Leach	

Leach Batch: 69245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-37028-47	T-5 (9')	Soluble	Solid	DI Leach	_
880-37028-48	T-5 (10')	Soluble	Solid	DI Leach	
880-37028-49	T-5 (11')	Soluble	Solid	DI Leach	
880-37028-50	T-6 (0-1.0')	Soluble	Solid	DI Leach	
380-37028-51	T-6 (1.5')	Soluble	Solid	DI Leach	
880-37028-52	T-6 (2')	Soluble	Solid	DI Leach	
880-37028-53	T-6 (3')	Soluble	Solid	DI Leach	
880-37028-54	T-6 (4')	Soluble	Solid	DI Leach	
380-37028-55	T-6 (5')	Soluble	Solid	DI Leach	
380-37028-56	T-6 (6')	Soluble	Solid	DI Leach	
380-37028-57	T-7 (0-1.0')	Soluble	Solid	DI Leach	
380-37028-58	T-7 (1.5')	Soluble	Solid	DI Leach	
380-37028-59	T-7 (2')	Soluble	Solid	DI Leach	
380-37028-60	T-7 (3')	Soluble	Solid	DI Leach	
380-37028-61	T-7 (4')	Soluble	Solid	DI Leach	
380-37028-62	T-8 (0-1.0')	Soluble	Solid	DI Leach	
380-37028-63	T-8 (1.5')	Soluble	Solid	DI Leach	
380-37028-64	T-8 (2')	Soluble	Solid	DI Leach	
380-37028-65	T-8 (3')	Soluble	Solid	DI Leach	
380-37028-66	T-8 (4')	Soluble	Solid	DI Leach	
MB 880-69245/1-A	Method Blank	Soluble	Solid	DI Leach	

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Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

HPLC/IC (Continued)

Leach Batch: 69245 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-69245/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69245/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37028-47 MS	T-5 (9')	Soluble	Solid	DI Leach	
880-37028-47 MSD	T-5 (9')	Soluble	Solid	DI Leach	
880-37028-57 MS	T-7 (0-1.0')	Soluble	Solid	DI Leach	
880-37028-57 MSD	T-7 (0-1.0')	Soluble	Solid	DI Leach	

Leach Batch: 69276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-1	T-1 (0-1.0')	Soluble	Solid	DI Leach	
880-37028-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-37028-3	T-1 (2.0')	Soluble	Solid	DI Leach	
880-37028-4	T-2 (0-1.0')	Soluble	Solid	DI Leach	
880-37028-5	T-2 (1.5')	Soluble	Solid	DI Leach	
880-37028-6	T-2 (2')	Soluble	Solid	DI Leach	
MB 880-69276/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69276/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69276/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37027-A-19-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-37027-A-19-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 69316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-67	T-8 (5')	Soluble	Solid	DI Leach	
880-37028-68	T-8 (6')	Soluble	Solid	DI Leach	
MB 880-69316/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-69316/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-69316/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-37028-67 MS	T-8 (5')	Soluble	Solid	DI Leach	
880-37028-67 MSD	T-8 (5')	Soluble	Solid	DI Leach	

Analysis Batch: 69317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-47	T-5 (9')	Soluble	Solid	300.0	69245
880-37028-48	T-5 (10')	Soluble	Solid	300.0	69245
880-37028-49	T-5 (11')	Soluble	Solid	300.0	69245
880-37028-50	T-6 (0-1.0')	Soluble	Solid	300.0	69245
880-37028-51	T-6 (1.5')	Soluble	Solid	300.0	69245
880-37028-52	T-6 (2')	Soluble	Solid	300.0	69245
880-37028-53	T-6 (3')	Soluble	Solid	300.0	69245
880-37028-54	T-6 (4')	Soluble	Solid	300.0	69245
880-37028-55	T-6 (5')	Soluble	Solid	300.0	69245
880-37028-56	T-6 (6')	Soluble	Solid	300.0	69245
880-37028-57	T-7 (0-1.0')	Soluble	Solid	300.0	69245
880-37028-58	T-7 (1.5')	Soluble	Solid	300.0	69245
880-37028-59	T-7 (2')	Soluble	Solid	300.0	69245
880-37028-60	T-7 (3')	Soluble	Solid	300.0	69245
880-37028-61	T-7 (4')	Soluble	Solid	300.0	6924
880-37028-62	T-8 (0-1.0')	Soluble	Solid	300.0	69245
880-37028-63	T-8 (1.5')	Soluble	Solid	300.0	69245
880-37028-64	T-8 (2')	Soluble	Solid	300.0	69245

Client: Carmona Resources Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

HPLC/IC (Continued)

Analysis Batch: 69317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-65	T-8 (3')	Soluble	Solid	300.0	69245
880-37028-66	T-8 (4')	Soluble	Solid	300.0	69245
MB 880-69245/1-A	Method Blank	Soluble	Solid	300.0	69245
LCS 880-69245/2-A	Lab Control Sample	Soluble	Solid	300.0	69245
LCSD 880-69245/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69245
880-37028-47 MS	T-5 (9')	Soluble	Solid	300.0	69245
880-37028-47 MSD	T-5 (9')	Soluble	Solid	300.0	69245
880-37028-57 MS	T-7 (0-1.0')	Soluble	Solid	300.0	69245
880-37028-57 MSD	T-7 (0-1.0')	Soluble	Solid	300.0	69245

Analysis Batch: 69318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-1	T-1 (0-1.0')	Soluble	Solid	300.0	69276
880-37028-2	T-1 (1.5')	Soluble	Solid	300.0	69276
880-37028-3	T-1 (2.0')	Soluble	Solid	300.0	69276
880-37028-4	T-2 (0-1.0')	Soluble	Solid	300.0	69276
880-37028-5	T-2 (1.5')	Soluble	Solid	300.0	69276
880-37028-6	T-2 (2')	Soluble	Solid	300.0	69276
MB 880-69276/1-A	Method Blank	Soluble	Solid	300.0	69276
LCS 880-69276/2-A	Lab Control Sample	Soluble	Solid	300.0	69276
LCSD 880-69276/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69276
880-37027-A-19-C MS	Matrix Spike	Soluble	Solid	300.0	69276
880-37027-A-19-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	69276

Analysis Batch: 69319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-7	T-2 (3')	Soluble	Solid	300.0	69243
880-37028-8	T-2 (4')	Soluble	Solid	300.0	69243
880-37028-9	T-2 (5')	Soluble	Solid	300.0	69243
880-37028-10	T-2 (6')	Soluble	Solid	300.0	69243
880-37028-11	T-2 (7')	Soluble	Solid	300.0	69243
880-37028-12	T-2 (8')	Soluble	Solid	300.0	69243
880-37028-13	T-2 (9')	Soluble	Solid	300.0	69243
880-37028-14	T-2 (10')	Soluble	Solid	300.0	69243
880-37028-15	T-2 (12')	Soluble	Solid	300.0	69243
880-37028-16	T-2 (11')	Soluble	Solid	300.0	69243
880-37028-17	T-3 (0-1')	Soluble	Solid	300.0	69243
880-37028-18	T-3 (1.5')	Soluble	Solid	300.0	69243
880-37028-19	T-3 (2')	Soluble	Solid	300.0	69243
880-37028-20	T-3 (3')	Soluble	Solid	300.0	69243
880-37028-21	T-3 (4')	Soluble	Solid	300.0	69243
880-37028-22	T-3 (5')	Soluble	Solid	300.0	69243
880-37028-23	T-3 (6')	Soluble	Solid	300.0	69243
880-37028-24	T-3 (7')	Soluble	Solid	300.0	69243
880-37028-25	T-4 (0-1.0')	Soluble	Solid	300.0	69243
880-37028-26	T-4 (1.5')	Soluble	Solid	300.0	69243
MB 880-69243/1-A	Method Blank	Soluble	Solid	300.0	69243
LCS 880-69243/2-A	Lab Control Sample	Soluble	Solid	300.0	69243
LCSD 880-69243/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69243
880-37028-8 MS	T-2 (4')	Soluble	Solid	300.0	69243
880-37028-8 MSD	T-2 (4')	Soluble	Solid	300.0	69243

Client: Carmona Resources

Job ID: 880-37028-1

Project/Site: Paduca Main

SDG: Lea Co. NM

HPLC/IC (Continued)

Analysis Batch: 69319 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-17 MS	T-3 (0-1')	Soluble	Solid	300.0	69243
880-37028-17 MSD	T-3 (0-1')	Soluble	Solid	300.0	69243

Analysis Batch: 69405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-27	T-4 (2')	Soluble	Solid	300.0	69244
880-37028-28	T-4 (3')	Soluble	Solid	300.0	69244
880-37028-29	T-4 (4')	Soluble	Solid	300.0	69244
880-37028-30	T-4 (5')	Soluble	Solid	300.0	69244
880-37028-31	T-4 (6')	Soluble	Solid	300.0	69244
880-37028-32	T-4 (7')	Soluble	Solid	300.0	69244
880-37028-33	T-4 (8')	Soluble	Solid	300.0	69244
880-37028-34	T-4 (9')	Soluble	Solid	300.0	69244
880-37028-35	T-4 (10')	Soluble	Solid	300.0	69244
880-37028-36	T-4 (11')	Soluble	Solid	300.0	69244
880-37028-37	T-4 (12')	Soluble	Solid	300.0	69244
880-37028-38	T-5 (0-1.0')	Soluble	Solid	300.0	69244
880-37028-39	T-5 (1.5')	Soluble	Solid	300.0	69244
880-37028-40	T-5 (2')	Soluble	Solid	300.0	69244
880-37028-41	T-5 (3')	Soluble	Solid	300.0	69244
880-37028-42	T-5 (4')	Soluble	Solid	300.0	69244
880-37028-43	T-5 (5')	Soluble	Solid	300.0	69244
880-37028-44	T-5 (6')	Soluble	Solid	300.0	69244
880-37028-45	T-5 (7')	Soluble	Solid	300.0	69244
880-37028-46	T-5 (8')	Soluble	Solid	300.0	69244
MB 880-69244/1-A	Method Blank	Soluble	Solid	300.0	69244
LCS 880-69244/2-A	Lab Control Sample	Soluble	Solid	300.0	69244
LCSD 880-69244/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69244
880-37028-27 MS	T-4 (2')	Soluble	Solid	300.0	69244
880-37028-27 MSD	T-4 (2')	Soluble	Solid	300.0	69244
880-37028-37 MS	T-4 (12')	Soluble	Solid	300.0	69244
880-37028-37 MSD	T-4 (12')	Soluble	Solid	300.0	69244

Analysis Batch: 69406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-37028-67	T-8 (5')	Soluble	Solid	300.0	69316
880-37028-68	T-8 (6')	Soluble	Solid	300.0	69316
MB 880-69316/1-A	Method Blank	Soluble	Solid	300.0	69316
LCS 880-69316/2-A	Lab Control Sample	Soluble	Solid	300.0	69316
LCSD 880-69316/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	69316
880-37028-67 MS	T-8 (5')	Soluble	Solid	300.0	69316
880-37028-67 MSD	T-8 (5')	Soluble	Solid	300.0	69316

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Job ID: 880-37028-1 SDG: Lea Co. NM

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

Lab Sample ID: 880-37028-1

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 18:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 03:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 03:34	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		20			69318	12/18/23 23:56	СН	EET MID

Lab Sample ID: 880-37028-2

Client Sample ID: T-1 (1.5') Date Collected: 12/11/23 00:00 Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 19:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 21:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 21:12	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/19/23 00:01	CH	EET MID

Client Sample ID: T-1 (2.0')

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-3

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 19:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 22:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 22:19	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/19/23 00:06	CH	EET MID

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

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

12/19/23 00:06	CH	EET MID
Lab Samp	ole ID:	880-37028-4 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 20:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 20:08	SM	EET MID

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

Lab Sample ID: 880-37028-4

Date Collected: 12/11/23 00:00 Matrix: Solid
Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69305	12/17/23 04:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 04:15	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69276	12/18/23 08:54	СН	EET MID
Soluble	Analysis	300.0		20			69318	12/19/23 00:11	CH	EET MID

Client Sample ID: T-2 (1.5')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-5

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 20:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 20:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 22:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 22:41	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69276	12/18/23 08:54	СН	EET MID
Soluble	Analysis	300.0		5			69318	12/19/23 00:16	CH	EET MID

Client Sample ID: T-2 (2')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-6

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 21:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 21:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 23:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 23:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69276	12/18/23 08:54	CH	EET MID
Soluble	Analysis	300.0		1			69318	12/19/23 00:21	CH	EET MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-37028-7

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 21:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 21:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 23:23	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.99 g 1 uL	10 mL 1 uL	69253 69259	12/15/23 17:22 12/16/23 23:23	TKC SM	EET MID

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Matrix: Solid

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Job ID: 880-37028-1 SDG: Lea Co. NM

Client Sample ID: T-2 (3')

Lab Sample ID: 880-37028-7

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		1			69319	12/19/23 01:19	CH	EET MID

Lab Sample ID: 880-37028-8

Matrix: Solid

Client Sample ID: T-2 (4') Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 21:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 21:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 23:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 23:44	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 00:59	CH	EET MID

Lab Sample ID: 880-37028-9

Matrix: Solid

Client Sample ID: T-2 (5') Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/18/23 22:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/18/23 22:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 00:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 00:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 01:14	CH	EET MID

Client Sample ID: T-2 (6') Lab Sample ID: 880-37028-10 Date Collected: 12/11/23 00:00 **Matrix: Solid**

Initial

Amount

4.99 g

Final

Batch

Dil

Factor

Run

Date Received: 12/15/23 14:08

Prep Type

Total/NA

Batch

Туре

Prep

Batch

Method

5035

Prepared Amount Number or Analyzed Analyst Lab 5 mL 69291 12/18/23 09:52 MNR **EET MID** 5 mL 69271 12/18/23 22:47 MNR **EET MID** 12/18/23 22:47 SM EET MID 69397

Total/NA Analysis 8021B 1 5 mL Total/NA Total BTEX Analysis 1 Total/NA Analysis 8015 NM 69305 12/17/23 00:26 SM **EET MID** Prep Total/NA TKC 8015NM Prep 10.02 g 10 mL 69253 12/15/23 17:22 **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 69259 12/17/23 00:26 SM **EET MID** Soluble Leach DI Leach 50 mL 69243 12/15/23 15:31 SMC **EET MID** 5.03 g Soluble Analysis 300.0 5 69319 12/19/23 01:23 CH **EET MID**

Job ID: 880-37028-1 SDG: Lea Co. NM

Lab Sample ID: 880-37028-11

Matrix: Solid

Client Sample ID: T-2 (7')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 00:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 00:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 00:48	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 01:28	CH	EET MID

Client Sample ID: T-2 (8') Lab Sample ID: 880-37028-12

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.02 g 5 mL 69291 12/18/23 09:52 MNR EET MID Total/NA 8021B 5 mL 12/19/23 00:58 **EET MID** Analysis 1 5 mL 69271 MNR Total/NA Total BTEX 69397 12/19/23 00:58 Analysis SM **EET MID** 1 Total/NA Analysis 8015 NM 69305 12/17/23 04:36 SM **EET MID** Total/NA 69253 12/15/23 17:22 Prep 8015NM Prep 9.94 g 10 mL TKC EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 69259 12/17/23 04:36 SM **EET MID** Soluble 5.04 g Leach DI Leach 50 mL 69243 12/15/23 15:31 SMC EET MID Soluble Analysis 300.0 5 69319 12/19/23 01:43 СН **EET MID**

Client Sample ID: T-2 (9') Lab Sample ID: 880-37028-13

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 01:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 01:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 01:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 01:09	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 01:48	CH	EET MID

Client Sample ID: T-2 (10') Lab Sample ID: 880-37028-14

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

	D-4-h	Detek		D.II	1 141 - 1	Fi	Datab	D		
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 01:51	SM	EET MID

Job ID: 880-37028-1 SDG: Lea Co. NM

SDG: Lea Co. NM

Client Sample ID: T-2 (10')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-14

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69305	12/17/23 01:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 01:51	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 01:53	CH	EET MID

Client Sample ID: T-2 (12')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-15

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 02:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 02:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 02:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 02:11	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		1			69319	12/19/23 01:57	CH	EET MID

Client Sample ID: T-2 (11')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-16

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 02:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 02:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 02:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 02:32	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 02:02	CH	EET MID

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

Lab Sample ID: 880-37028-17

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 03:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 03:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 03:55	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.09 g 1 uL	10 mL 1 uL	69253 69259	12/15/23 17:22 12/17/23 03:55	TKC SM	EET MID EET MID

Eurofins Midland

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Matrix: Solid

Job ID: 880-37028-1 SDG: Lea Co. NM

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

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-17

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		10			69319	12/19/23 02:07	CH	EET MID

Client Sample ID: T-3 (1.5') Lab Sample ID: 880-37028-18

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 03:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 03:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 02:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 02:53	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 02:22	CH	EET MID

Client Sample ID: T-3 (2') Lab Sample ID: 880-37028-19

Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 04:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 04:58	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 04:58	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 02:26	CH	EET MID

Client Sample ID: T-3 (3') Lab Sample ID: 880-37028-20

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69291	12/18/23 09:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69271	12/19/23 04:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/19/23 04:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 03:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	69253	12/15/23 17:22	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/17/23 03:14	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		10			69319	12/19/23 02:41	CH	EET MID

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Matrix: Solid

Job ID: 880-37028-1 SDG: Lea Co. NM

Client Sample ID: T-3 (4')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-21

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 01:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 01:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 11:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 11:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 02:46	CH	EET MID

Client Sample ID: T-3 (5') Lab Sample ID: 880-37028-22

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Matrix: Solid

Dil Initial Final Batch Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.01 g 5 mL 69292 12/18/23 09:58 MNR EET MID Total/NA 8021B 5 mL 12/21/23 02:06 **EET MID** Analysis 1 5 mL 69426 MNR Total/NA Total BTEX 69397 12/21/23 02:06 Analysis SM **EET MID** 1 Total/NA Analysis 8015 NM 69305 12/16/23 12:07 SM **EET MID**

Total/NA 69255 Prep 8015NM Prep 10.03 g 10 mL 12/15/23 22:26 TKC EET MID Total/NA Analysis 8015B NM 1 uL 1 uL 69259 12/16/23 12:07 SM **EET MID** Soluble 12/15/23 15:31 Leach DI Leach 4.99 g 50 mL 69243 SMC **EET MID** Soluble Analysis 300.0 69319 12/19/23 02:51 СН **EET MID** Client Sample ID: T-3 (6')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-23

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 02:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 02:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 12:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 12:29	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		1			69319	12/19/23 02:55	CH	EET MID

Client Sample ID: T-3 (7') Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-24 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 02:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 02:58	SM	EET MID

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-3 (7')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-24

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69305	12/16/23 12:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 12:50	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		1			69319	12/19/23 03:00	CH	EET MID

Lab Sample ID: 880-37028-25 Client Sample ID: T-4 (0-1.0')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 03:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 03:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 18:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 18:07	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		10			69319	12/19/23 03:05	CH	EET MID

Client Sample ID: T-4 (1.5') Lab Sample ID: 880-37028-26

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 03:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 03:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 19:16	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 19:16	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	69243	12/15/23 15:31	SMC	EET MID
Soluble	Analysis	300.0		5			69319	12/19/23 03:10	CH	EET MID

Lab Sample ID: 880-37028-27 Client Sample ID: T-4 (2')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 04:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 04:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 13:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 13:11	SM	EET MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 8/20/2024 3:08:55 PM

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-4 (2')

Date Received: 12/15/23 14:08

Client: Carmona Resources Project/Site: Paduca Main

Date Collected: 12/11/23 00:00

300.0

Analysis

Lab Sample ID: 880-37028-27 **Matrix: Solid**

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 4.95 g Soluble DI Leach 50 mL 69244 12/15/23 15:35 SMC **EET MID** Leach Soluble Analysis 300.0 1 69405 12/19/23 20:06 СН **EET MID**

Client Sample ID: T-4 (3') Lab Sample ID: 880-37028-28

Date Collected: 12/11/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

Soluble

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 5035 4.95 g 69292 12/18/23 09:58 MNR EET MID Prep 5 mL 8021B Total/NA 5 mL MNR Analysis 1 5 mL 69426 12/21/23 04:40 **EET MID** Total/NA Total BTEX 69397 12/21/23 04:40 Analysis SM **EET MID** 1 Total/NA Analysis 8015 NM 69305 12/16/23 13:32 SM **EET MID** 12/15/23 22:26 Total/NA Prep 8015NM Prep 9.92 g 10 mL 69255 TKC **EET MID** 8015B NM 12/16/23 13:32 Total/NA Analysis 1 uL 1 uL 69259 SM **EET MID** Soluble DI Leach 4.95 g 50 mL 69244 12/15/23 15:35 SMC **EET MID** Leach

Client Sample ID: T-4 (4') Lab Sample ID: 880-37028-29

69405

12/19/23 20:20

СН

EET MID

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

5

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 05:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 05:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 13:55	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 13:55	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		5			69405	12/19/23 20:25	CH	EET MID

Client Sample ID: T-4 (5') Lab Sample ID: 880-37028-30

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 05:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 14:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 14:17	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		5			69405	12/19/23 20:30	CH	EET MID

Eurofins Midland

Matrix: Solid

SDG: Lea Co. NM

Client Sample ID: T-4 (6')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-31

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 07:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 07:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 14:40	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		1			69405	12/19/23 20:35	CH	EET MID

Client Sample ID: T-4 (7') Lab Sample ID: 880-37028-32

69405

12/19/23 20:49

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Matrix: Solid

Dil Final Batch Batch Initial Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Lab **Analyst** 5035 Total/NA Prep 5.02 g 5 mL 69292 12/18/23 09:58 MNR EET MID Total/NA 8021B Analysis 1 5 mL 5 mL 69426 12/21/23 07:40 MNR EET MID Total/NA Total BTEX 69397 12/21/23 07:40 Analysis SM **EET MID** 1 Total/NA Analysis 8015 NM 69305 12/16/23 15:03 SM **EET MID** 69255 Total/NA 8015NM Prep 10.06 g 10 mL 12/15/23 22:26 TKC **EET MID** Prep Total/NA Analysis 8015B NM 1 uL 1 uL 69259 12/16/23 15:03 SM **EET MID** 12/15/23 15:35 Soluble 4.99 g DI Leach 50 mL 69244 SMC **EET MID** Leach

Client Sample ID: T-4 (8')

Soluble

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Analysis

300.0

Lab Sample ID: 880-37028-33

СН

Matrix: Solid

EET MID

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 08:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 08:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 15:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 15:49	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		5			69405	12/19/23 20:54	CH	EET MID

Client Sample ID: T-4 (9') Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-34 **Matrix: Solid**

Batch Batch Dil Initial Final Batch Prepared Method Prep Type Туре Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 5.01 g 69292 12/18/23 09:58 MNR EET MID 5 mL Total/NA Analysis 8021B 1 5 mL 5 mL 69426 12/21/23 08:32 MNR **EET MID** Total BTEX Total/NA Analysis 69397 12/21/23 08:32 SM FFT MID

1

Job ID: 880-37028-1 SDG: Lea Co. NM

Client Sample ID: T-4 (9')

Lab Sample ID: 880-37028-34

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69305	12/16/23 16:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 16:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		1			69405	12/19/23 20:59	CH	EET MID

Lab Sample ID: 880-37028-35

Matrix: Solid

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Client Sample ID: T-4 (10')

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 08:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 08:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 16:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 16:36	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		1			69405	12/19/23 21:04	CH	EET MID

Client Sample ID: T-4 (11') Lab Sample ID: 880-37028-36

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 09:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 09:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 16:59	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 16:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		1			69405	12/19/23 21:09	CH	EET MID

Lab Sample ID: 880-37028-37 Client Sample ID: T-4 (12')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 09:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 09:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 17:21	SM	EET MID

Eurofins Midland

Matrix: Solid

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-4 (12')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-37

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		1			69405	12/19/23 21:14	CH	EET MID

Client Sample ID: T-5 (0-1.0') Lab Sample ID: 880-37028-38

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 10:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 10:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 18:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 18:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		20			69405	12/19/23 21:28	CH	EET MID

Client Sample ID: T-5 (1.5') Lab Sample ID: 880-37028-39

Date Collected: 12/11/23 00:00

Matrix: Solid

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 10:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 10:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 17:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 17:44	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		5			69405	12/19/23 21:33	CH	EET MID

Client Sample ID: T-5 (2') Lab Sample ID: 880-37028-40

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69292	12/18/23 09:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/21/23 11:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 11:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 18:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69255	12/15/23 22:26	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69259	12/16/23 18:53	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		5			69405	12/19/23 21:47	CH	EET MID

Job ID: 880-37028-1

SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Client Sample ID: T-5 (3') Lab Sample ID: 880-37028-41

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 16:19	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 16:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 11:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 11:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		5			69405	12/19/23 21:52	CH	EET MID

Client Sample ID: T-5 (4') Lab Sample ID: 880-37028-42

Date Collected: 12/11/23 00:00 Matrix: Solid Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 16:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 16:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 12:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 12:07	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		5			69405	12/19/23 21:57	CH	EET MID

Client Sample ID: T-5 (5') Lab Sample ID: 880-37028-43

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 17:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 17:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 12:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 12:29	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		5			69405	12/19/23 22:02	CH	EET MID

Client Sample ID: T-5 (6') Lab Sample ID: 880-37028-44

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 17:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 17:36	SM	EET MID

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Released to Imaging: 8/20/2024 3:08:55 PM

Job ID: 880-37028-1 SDG: Lea Co. NM

Lab Sample ID: 880-37028-44

Client Sample ID: T-5 (6')

Date Received: 12/15/23 14:08

Date Collected: 12/11/23 00:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69305	12/16/23 12:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 12:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		1			69405	12/19/23 22:07	CH	EET MID

Client Sample ID: T-5 (7') Lab Sample ID: 880-37028-45

Matrix: Solid

EET MID

EET MID

EET MID

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Total/NA

Soluble

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 18:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 18:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 13:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	69256	12/15/23 22:32	TKC	EET MID

1 uL

4.97 g

1 uL

50 mL

69261

69244

69405

12/16/23 13:11

12/15/23 15:35

12/19/23 22:12

SM

SMC

СН

Client Sample ID: T-5 (8') Lab Sample ID: 880-37028-46 Date Collected: 12/11/23 00:00 Matrix: Solid

1

Date Received: 12/15/23 14:08

Analysis

Leach

Analysis

8015B NM

DI Leach

300.0

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 18:28	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 18:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 13:32	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 13:32	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	69244	12/15/23 15:35	SMC	EET MID
Soluble	Analysis	300.0		1			69405	12/19/23 22:16	CH	EET MID

Client Sample ID: T-5 (9') Lab Sample ID: 880-37028-47

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 18:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 18:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 13:55	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.91 g 1 uL	10 mL 1 uL	69256 69261	12/15/23 22:32 12/16/23 13:55	TKC SM	EET MID EET MID

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Matrix: Solid

Released to Imaging: 8/20/2024 3:08:55 PM

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-5 (9')

Client: Carmona Resources

Project/Site: Paduca Main

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Lab Sample ID: 880-37028-47

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 19:20	CH	EET MID

Client Sample ID: T-5 (10') Lab Sample ID: 880-37028-48

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 19:19	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 19:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 14:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 14:17	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 19:34	CH	EET MID

Client Sample ID: T-5 (11') Lab Sample ID: 880-37028-49

Date Collected: 12/11/23 00:00

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 19:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 19:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 14:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 19:39	CH	EET MID

Client Sample ID: T-6 (0-1.0') Lab Sample ID: 880-37028-50

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 20:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 20:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 15:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 15:03	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		10			69317	12/18/23 19:44	CH	EET MID

Eurofins Midland

Matrix: Solid

Job ID: 880-37028-1 SDG: Lea Co. NM

Lab Sample ID: 880-37028-51

Matrix: Solid

Client Sample ID: T-6 (1.5')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 22:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 22:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 15:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 15:49	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 19:49	CH	EET MID

Client Sample ID: T-6 (2') Lab Sample ID: 880-37028-52

Date Collected: 12/11/23 00:00 Matrix: Solid
Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 22:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 22:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 16:13	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 16:13	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 20:03	CH	EET MID

Client Sample ID: T-6 (3')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-53

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 22:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 22:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 16:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 16:36	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 20:08	CH	EET MID

Client Sample ID: T-6 (4')

Lab Sample ID: 880-37028-54

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 23:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 23:21	SM	EET MID

Eurofins Midland

Matrix: Solid

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Job ID: 880-37028-1 SDG: Lea Co. NM

Lab Sample ID: 880-37028-54

Matrix: Solid

Client Sample ID: T-6 (4')
Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69305	12/16/23 16:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 16:59	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 20:13	CH	EET MID

Client Sample ID: T-6 (5')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-55

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/21/23 23:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/21/23 23:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 17:21	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 20:18	CH	EET MID

Client Sample ID: T-6 (6')

Date Collected: 12/11/23 00:00

Lab Sample ID: 880-37028-56

Matrix: Solid

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/22/23 00:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/22/23 00:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 17:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 17:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 20:23	CH	EET MID

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

Lab Sample ID: 880-37028-57

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/22/23 00:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/22/23 00:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 18:07	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	9.92 g 1 uL	10 mL 1 uL	69256 69261	12/15/23 22:32 12/16/23 18:07	TKC SM	EET MID EET MID

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Matrix: Solid

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Released to Imaging: 8/20/2024 3:08:55 PM

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Date Received: 12/15/23 14:08

Job ID: 880-37028-1 SDG: Lea Co. NM

Client Sample ID: T-7 (0-1.0') Lab Sample ID: 880-37028-57 Date Collected: 12/11/23 00:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		5			69317	12/18/23 20:28	CH	EET MID

Client Sample ID: T-7 (1.5') Lab Sample ID: 880-37028-58

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/22/23 01:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/22/23 01:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 18:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 18:30	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 20:42	CH	EET MID

Client Sample ID: T-7 (2') Lab Sample ID: 880-37028-59

Date Collected: 12/11/23 00:00 **Matrix: Solid**

Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/22/23 01:30	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/22/23 01:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 18:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 18:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 20:47	CH	EET MID

Client Sample ID: T-7 (3') Lab Sample ID: 880-37028-60

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	69312	12/18/23 13:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69579	12/22/23 01:56	SM	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/22/23 01:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 19:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69256	12/15/23 22:32	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 19:16	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 21:02	CH	EET MID

Job ID: 880-37028-1

SDG: Lea Co. NM

Client Sample ID: T-7 (4')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Lab Sample ID: 880-37028-61

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 18:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/20/23 18:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 21:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 21:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 21:06	CH	EET MID

Client Sample ID: T-8 (0-1.0') Lab Sample ID: 880-37028-62

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Matrix: Solid

Dil Final Batch Batch Initial Batch Prepared Prep Type Туре Method Factor Amount Amount Number or Analyzed Lab Run **Analyst** Total/NA Prep 5035 5.01 g 5 mL 69313 12/18/23 13:16 MNR EET MID 8021B Total/NA Analysis 1 5 mL 5 mL 69426 12/20/23 19:18 MNR **EET MID** Total/NA Total BTEX 69397 Analysis 12/20/23 19:18 SM **EET MID** 1 Total/NA Analysis 8015 NM 69305 12/16/23 22:19 SM **EET MID** 69258 Total/NA 8015NM Prep 9.90 g 10 mL 12/15/23 22:47 TKC FFT MID Prep Total/NA Analysis 8015B NM 1 uL 1 uL 69261 12/16/23 22:19 SM **EET MID** Soluble 12/15/23 15:39 DI Leach 5.04 g 50 mL 69245 SMC **EET MID** Leach Soluble Analysis 300.0 5 69317 12/18/23 21:11 СН **EET MID**

Client Sample ID: T-8 (1.5') Lab Sample ID: 880-37028-63 Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Dil Batch Batch Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 5.03 g 5 mL 69313 12/18/23 13:16 MNR **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 69426 12/20/23 19:43 MNR **EET MID** Total/NA Total BTEX 69397 12/20/23 19:43 SM **EET MID** Analysis 1 Total/NA Analysis 8015 NM 69305 12/16/23 22:41 SM **EET MID** 9.99 g EET MID Total/NA Prep 8015NM Prep 10 ml 69258 12/15/23 22:47 TKC Total/NA 8015B NM 69261 12/16/23 22:41 Analysis 1 uL 1 uL SM **EET MID** Soluble DI Leach 5 g 50 mL 69245 12/15/23 15:39 SMC **EET MID** Leach Soluble Analysis 300.0 69317 12/18/23 21:16 СН **EET MID**

Client Sample ID: T-8 (2') Lab Sample ID: 880-37028-64

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 20:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/20/23 20:09	SM	EET MID

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Matrix: Solid

Matrix: Solid

Job ID: 880-37028-1 SDG: Lea Co. NM

Client Sample ID: T-8 (2')

Lab Sample ID: 880-37028-64

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			69305	12/16/23 23:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 23:02	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 21:21	CH	EET MID

Lab Sample ID: 880-37028-65

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

Client Sample ID: T-8 (3')

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 20:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/20/23 20:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 23:23	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 21:26	CH	EET MID

Client Sample ID: T-8 (4') Lab Sample ID: 880-37028-66 **Matrix: Solid**

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 21:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/20/23 21:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/16/23 23:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/16/23 23:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	69245	12/15/23 15:39	SMC	EET MID
Soluble	Analysis	300.0		1			69317	12/18/23 21:31	CH	EET MID

Lab Sample ID: 880-37028-67 Client Sample ID: T-8 (5')

Date Collected: 12/11/23 00:00 Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 21:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/20/23 21:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 00:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 00:06	SM	EET MID

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Matrix: Solid

Date Collected: 12/11/23 00:00

Date Received: 12/15/23 14:08

Client: Carmona Resources

Job ID: 880-37028-1 SDG: Lea Co. NM

Project/Site: Paduca Main Client Sample ID: T-8 (5') Lab Sample ID: 880-37028-67

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Soluble DI Leach 69316 Leach 4.97 g 50 mL 12/18/23 14:05 SA **EET MID** 300.0 12/19/23 22:55 Soluble Analysis 1 69406 СН **EET MID**

Client Sample ID: T-8 (6') Lab Sample ID: 880-37028-68

Date Collected: 12/11/23 00:00 **Matrix: Solid** Date Received: 12/15/23 14:08

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	69313	12/18/23 13:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	69426	12/20/23 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			69397	12/20/23 21:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			69305	12/17/23 00:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	69258	12/15/23 22:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	69261	12/17/23 00:26	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	69316	12/18/23 14:05	SA	EET MID
Soluble	Analysis	300.0		1			69406	12/19/23 23:10	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 Job ID: 880-37028-1 Project/Site: Paduca Main SDG: Lea Co. NM

Laboratory: Eurofins Midland

Released to Imaging: 8/20/2024 3:08:55 PM

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

uthority	Prog	ıram	Identification Number	Expiration Date
exas	NEL	AP	T104704400-23-26	06-30-24
	es are included in this report, be does not offer certification.	out the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
300.0		Solid	Chloride	
8015 NM		Solid	Total TPH	
8015B NM	8015NM Prep	Solid	Diesel Range Organics (O	ver C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics	(GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oll Range Organics (Over	C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH	
8021B	5035	Solid	Benzene	
8021B	5035	Solid	Ethylbenzene	
8021B	5035	Solid	m-Xylene & p-Xylene	
8021B	5035	Solid	o-Xylene	
8021B	5035	Solid	Toluene	
8021B	5035	Solid	Xylenes, Total	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Carmona Resources Project/Site: Paduca Main

Method

8021B

Total BTEX 8015 NM

8015B NM

8015NM Prep

DI Leach

300.0

5035

Job ID: 880-37028-1

EET MID

EET MID

SDG: Lea Co. NM

Protocol	Laboratory	
SW846	EET MID	
TAL SOP	EET MID	
SW846	EET MID	
SW846	EET MID	
EPA	EET MID	
SW846	EET MID	

SW846

ASTM

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Microextraction

Method Description

Total BTEX Calculation

Volatile Organic Compounds (GC)

Diesel Range Organics (DRO) (GC)

Diesel Range Organics (DRO) (GC)

Deionized Water Leaching Procedure

Anions, Ion Chromatography

Closed System Purge and Trap

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: Paduca Main

Job ID: 880-37028-1

SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-37028-1	T-1 (0-1.0')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-2	T-1 (1.5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-3	T-1 (2.0')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-4	T-2 (0-1.0')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-5	T-2 (1.5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-6	T-2 (2')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-7	T-2 (3')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-8	T-2 (4')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-9	T-2 (5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-10	T-2 (6')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-11	T-2 (7')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-12	T-2 (8')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-13	T-2 (9')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-14	T-2 (10')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-15	T-2 (12')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-16	T-2 (11')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-17	T-3 (0-1')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-18	T-3 (1.5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-19	T-3 (2')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-20	T-3 (3')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-21	T-3 (4')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-22	T-3 (5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-23	T-3 (6')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-24	T-3 (7')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-25	T-4 (0-1.0')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-26	T-4 (1.5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-27	T-4 (2')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-28	T-4 (3')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-29	T-4 (4')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-30	T-4 (5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-31	T-4 (6')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-32	T-4 (7')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-33	T-4 (8')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-34	T-4 (9')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-35	T-4 (10')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-36	T-4 (11')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-37	T-4 (12')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-38	T-5 (0-1.0')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-39	T-5 (1.5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-40	T-5 (2')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-41	T-5 (3')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-42	T-5 (4')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-43	T-5 (5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-44	T-5 (6')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-45	T-5 (7')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-46	T-5 (8')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-47	T-5 (9')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-48	T-5 (10')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-49	T-5 (11')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-50	T-6 (0-1.0')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-51	T-6 (1.5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-52	T-6 (2')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-53	T-6 (3')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-54	T-6 (4')	Solid	12/11/23 00:00	12/15/23 14:08
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T-8 (6')

Sample Summary

Client: Carmona Resources Project/Site: Paduca Main

880-37028-68

Job ID: 880-37028-1 SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-37028-55	T-6 (5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-56	T-6 (6')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-57	T-7 (0-1.0')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-58	T-7 (1.5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-59	T-7 (2')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-60	T-7 (3')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-61	T-7 (4')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-62	T-8 (0-1.0')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-63	T-8 (1.5')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-64	T-8 (2')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-65	T-8 (3')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-66	T-8 (4')	Solid	12/11/23 00:00	12/15/23 14:08
880-37028-67	T-8 (5')	Solid	12/11/23 00:00	12/15/23 14:08

Solid

12/11/23 00:00

12/15/23 14:08

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880-37028 Ch	ain of Custody	
	Page1_	of7
Work Order	Comments	
□PRP □rowi	nfields RC	perfund
	/UST RRP	Level IV
	Preservat	ive Codes
	None: NO	DI Water H₂O
	Cool Cool	MeOH Me
	HCL. HC	HNO ₃ . HN
	H₂S0₄. H₂	NaOH Na
	H₃PO₄. HP	

Project Manager	Connor Moehri	ng			Bill to: (if	different)		Josep	h Varg	10							***************************************		W	ork (Order	Comm	ents		<u> </u>
Company Name:	Carmona Reso	urces			Company	y Name		NGL 1	Water:	Solution	ns Perm	nian				Progr	ram: U	IST/PS					□kRC	□ne	rfund
Address	310 W Wall St	Ste 500			Address.						t, Suite						of Pro		. ш				_,,,,	□_}pe	runu
City, State ZIP	Midland, TX 79	701			City, Stat	e ZIP				80220					\neg			-	Пьеч	/el III	Пѕт	/UST	∏RRP	Печ	el IV
Phone	(432) 813-6823	3		Email	Joseph.										7		erables				ADaP		Other		J
Project Name		Paduca Main			Around																	T			
Project Number		2206		✓ Routine	Rush		Pres.	 	Ι			- '	ANAL	YSIS	REQL	IEST	Γ	Г	I		т—	1	reserva		
Project Location		Lea Co. NM		Due Date	T T	•	Code					<u> </u>								-	+-	None:			iter H ₂ O
Sampler's Name		JM/JR							MRO)													Cool C		MeOF	
PO #·				STA	NDARD		60		T MF													HCL. H		HNO ₃	
SAMPLE RECEI	IPT Ten	np Blank:	Yes (No	Wet Ice:	Yes	No	Parameters	<u></u>	+ DRO +	0.0												H ₂ S0 ₄ .		NaOH	Na
Received Intact:		s No	Thermometer ID	1	a		ram	BTEX 8021B	1 ÷	Chloride 300.0			<u> </u>							1		H ₃ PO ₄	. HP) ₄ . NABI:	•	
Cooler Custody Seal		No N/A	Correction Factor	r	F-Z	20	Pa	Ĕ	GRC	oride													D ₄ . NABI: D ₃ . NaSC		
Sample Custody Sea	als Yes	No N/A	Temperature Re	ading:	-7;	ר ר		18) WS	CP											1		tate+Na(-	
Total Containers			Corrected Temp	erature	<u>-</u> ŋ.	5			801														Ascorbio		APC
Sample Ider	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH 8015M (GRO														ample (
T-1 (0-	1 0')	12/11/2023		Х		G	1	×	×	х								 			_				
T-1 (1	.5')	12/11/2023		х		G	1	x	x	х										_	+				
T-1 (2	2 0')	12/11/2023		х		G	1	×	x	х									 		+				
T-2 (0-	1 0')	12/11/2023		Х		G	1	х	х	х											 				
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T-2 (2')	12/11/2023		X		G	1	x	x	х											+-				
T-2 (3')	12/11/2023		Х	1	G	1	х	×	х											+	<u> </u>			
T-2 (4')	12/11/2023		Х		G	1	×	х	х										-	\vdash	<u> </u>			
T-2 ((5')	12/11/2023		Х		G	1	×	х	х											_			***************************************	
T-2 (6')	12/11/2023		Х		G	1	х	х	х															
Comments: Emai				esources.com	and Co	nner Mo	ehring /	['] Cmo	ehrin	g@cai	monai	resou	rces.	com											
	-,	Relinquished	y: (Signature)				1	Date/							Rec	ved b	y. (Sış	Matur	e)		77		7	Date/Ti	ne
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12/22/2023



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Page 202 of 447

12/22/2023

Received by OCD: 7/10/2024 12:00:37 AM

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Project Manager	Connor Moeh	nring			Bill to (if	different)		Josei	oh Var				·		7	Г			14	lork ()rdor	Page Comments	_2 of7
Company Name:	Carmona Res	sources			Company			T			ns Perm	ian				Progr	ram· I	IST/DS				nfields RC	□ perfund
Address	310 W Wall S	St Ste 500			Address.						t, Suite					State			, L	- IXF	ji OWi	illielus [_KC	,periuna
City, State ZIP	Midland, TX 7	79701			City, Stat	e ZIP·		T		80220	,	100			-			-	Пье	vel III	Пзт	UST □RRP	Level IV
Phone	(432) 813-68	23		Email	Joseph.		nglep.co		<u>., </u>							Delive					ADaP		
Project Name		Paduca Main		Turn	Around								ΔΝΔΙ '	YSIS F	<u></u>	IEST							-4-0-1-
Project Number		2206		☑ Routine	Rust	1	Pres. Code							1013 1	L 0(1	1231	· · · ·	<u> </u>	T	T	T	None: NO	vative Codes DI Water H ₂ O
Project Location		Lea Co. NM		Due Date:															 	 	+	1	_
Sampler's Name		JM/JR			NDARD			Ė	g g											1		Cool Cool HCL, HC	MeOH Me HNO ₃ . HN
PO #:				1 814	NDARD		ęρ	ŀ	¥ +									İ				H ₂ SO ₄ . H ₂	NaOH Na
SAMPLE RECEI	PT To	emp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	8015M (GRO + DRO + MRO)	9							İ			1	1	H ₂ PO ₄ . HP	NaOn Na
Received Intact:		Yes No	Thermometer ID	•			I E	BTEX 8021B	Ιŧ	Chloride 300.0							i					NaHSO ₄ . NAE	210
Cooler Custody Seals		s No N/A	Correction Factor	ır.			l g	Ä	GR.	orid									ļ			Na ₂ S ₂ O ₃ . NaS	
Sample Custody Sea	ls Yes	s No N/A	Temperature Re	ading [.]]	<u> </u>	2M (5]	Zn Acetate+N	-
Total Containers			Corrected Temp	erature]		801													l .	bic Acid: SAPC
Sample Iden	tification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													ļ	Comments
T-2 (7')	12/11/2023		X		G	1	×	×	x									 	-	+-		
T-2 (8	3')	12/11/2023		Х		G	1	×	×	х						-			 	+-	+		
T-2 (9')	12/11/2023		х		G	1	×	х	х								<u> </u>		 	+		
T-2 (1	0')	12/11/2023		X		G	1	×	х	х				\dashv				 		 	 		
T-2 (1	2')	12/11/2023		Х		G	1	×	х	х										 	+-		
T-2 (1	1')	12/11/2023		X		G	1	×	×	×										\vdash	+		
T-3 (0	-1')	12/11/2023		Х		G	1	×	×	×									<u> </u>	┼	+		
T-3 (1	5)	12/11/2023		Х		G	1	×	х	х									<u> </u>	\vdash	+		
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T-3 (3')	12/11/2023		Х		G	1	×	×	х										 	+-		
Comments: Email	to Mike Car	mona / Mcarmo		esources.com	and Co	nner Mo				g@cai	monar	esou	rces.c										
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06/	Address	Name			·		Compan	y Name					ns Perm				-	1			т 🗀	RP	row	nfields	RC	perfund [
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							City, Stat	•	malan aa		er, CO	80220					_	1				el III		VUST [Level IV
,		1(402)	010-0020			I Email	Joseph.	varqota	nglep.co	<u>m</u>								Delivera	ibles	EDD	Ш		ADaP	T L	Other	
7	Project Name		 -				Around		Pres.					/	ANAL	YSIS F	REQU	JEST						Pro	eserva	tive Codes
•	Project Number					✓ Routine	Rusi	h	Code															None. N	0	DI Water H₂O
	Project Location Sampler's Name		_	···		Due Date	<u> </u>				<u> </u>					j			ı					Cool Co	ool	MeOH Me
	PO #			JM/JR		STA	NDARD				MRC													HCL. HC	•	HNO ₃ . HN
		PT	Ton	on Diank:	Yes No	18/-4 1			ters		TPH 8015M (GRO + DRO + MRO)	0							İ				ĺ	H ₂ S0 ₄ . H		NaOH Na
	Received Intact:				Thermometer ID	Wet Ice:	Yes	No	Parameters	218	4	300.												H₃PO ₄ , I		
П	Cooler Custody Seals	s.			Correction Factor				Par	BTEX 8021B	3RO	Chloride 300.0												NaHSO ₄		
	Sample Custody Sea	ıls	Yes	No N/A	Temperature Re			**************************************		E) W	Chlo												Na ₂ S ₂ O ₃ Zn Aceta		-
e 1	Total Containers.				Corrected Temp	erature					8015													1		Acid SAPC
126 of	Sample Iden	ntificati	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН								İ						***************************************	omments
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22				12/11/2023		Х		G	1	х	х	х							十				+			
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Š	Company Name ⁻	Carmo	ona Reso	urces			Company	y Name					ns Perm	ian				Prog	ram: l	JST/P:				wnfields kRC	perfund
) () ()	Address	310 V	Wall St	Ste 500			Address						et, Suite				7	State			· _	,		minera Crico	
N N	City, State ZIP	Mıdlar	nd, TX 79	701			City, Stat	te ZIP				80220						Repo	rtina L	evel II	Пь	evel III	Пѕ	T/UST RRP	Level IV
20.	Phone	(432)	813-6823			Email	Joseph.		nglep.co		,						1	Delive						PT D Other	
77	Project Name			Paduca Main		Turr	Around								ANAL	veie i		LEGT							4 O
מ	Project Number			2206		Routine	Rus	h	Pres. Code		1				TIVAL	1313	11.00	JEST		T	T	T	T	None: NO	DI Water H ₂ O
	Project Location		_	Lea Co NM		Due Date														<u> </u>	╁	_	1	Cool Cool	MeOH Me
	Sampler's Name.			JM/JR			NDARD		1		8												İ	HCL. HC	HNO ₃ HN
	PO #:	L				0,,			يع		8015M (GRO + DRO + MRO)													H ₂ S0 ₄ . H ₂	NaOH Na
	SAMPLE RECEI	PT	Ten	np Blank:	Yes No	Wet Ice:	Yes	No	Parameters	臣	%	0.0												H₃PO₄. HP	
	Received Intact:		Ye	···	Thermometer ID				ara l	BTEX 8021B	ģ	Chloride 300.0												NaHSO4. NABIS	3
Ď	Cooler Custody Seals			No N/A	Correction Factor				آه ا	Ĭ	9	loric										İ		Na ₂ S ₂ O ₃ . NaSO	13
Page	Sample Custody Sea Total Containers	ils	Yes	No N/A	Temperature Re		<u> </u>		-	_ m	15M	ਹ												Zn Acetate+Na0	OH Zn
127	Total Containers				Corrected Temp	perature	<u> </u>				% H													NaOH+Ascorbio	Acid. SAPC
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Phone	(432) 813-	6823		Email	Joseph.	Vargo@	nglep.co	<u>om</u>								Delive	erables	EDD			ADaP	T Other	•
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Page 130 of 131	Sample Identification		on	Date	Time	Soil	Water	Comp	# of Cont		¥											·		s	ample (Comments
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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-37028-1

SDG Number: Lea Co. NM

Login Number: 37028 List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

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

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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/20/2024 3:34:15 PM

JOB DESCRIPTION

Paduca Main Lea Co. NM

JOB NUMBER

880-43566-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 5/20/2024 3:34:15 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Page 2 of 79

5/20/2024

Laboratory Job ID: 880-43566-1 SDG: Lea Co. NM

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Qualifier Description

Definitions/Glossary

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

Qualifiers

GC	VOA
Qua	lifier

*+	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, high biased.

GC Semi VOA

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

Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) LOQ

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) RER

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) Toxicity Equivalent Quotient (Dioxin) TEQ

TNTC Too Numerous To Count

Job ID: 880-43566-1

Case Narrative

Client: Carmona Resources
Project: Paduca Main

Job ID: 880-43566-1 Eurofins Midland

Job Narrative 880-43566-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 5/16/2024 4:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (1.5') (880-43566-1), CS-2 (1.5') (880-43566-2), CS-3 (1.5') (880-43566-3), CS-4 (1.5') (880-43566-4), CS-5 (1.5') (880-43566-5), CS-6 (1.5') (880-43566-6), CS-7 (1.5') (880-43566-7), CS-8 (1.5') (880-43566-8), CS-9 (1.5') (880-43566-9), CS-10 (1.5') (880-43566-10), CS-11 (1.5') (880-43566-11), CS-12 (1.5') (880-43566-12), CS-13 (1.5') (880-43566-13), CS-14 (1.5') (880-43566-14), CS-15 (1.5') (880-43566-15), CS-16 (1.5') (880-43566-16), CS-17 (1.5') (880-43566-17), CS-18 (1.5') (880-43566-18), CS-19 (1.5') (880-43566-19), CS-20 (1.5') (880-43566-20), CS-21 (1.5') (880-43566-21), CS-22 (1.5') (880-43566-22), CS-23 (1.5') (880-43566-23), CS-24 (1.5') (880-43566-24), CS-25 (1.5') (880-43566-25), CS-26 (1.5') (880-43566-26), CS-27 (1.5') (880-43566-31), SW-2 (1.5') (880-43566-32), SW-3 (1.5') (880-43566-33), SW-4 (1.5') (880-43566-34), SW-5 (1.5') (880-43566-35), SW-6 (1.5') (880-43566-36), SW-7 (1.5') (880-43566-37) and SW-8 (1.5') (880-43566-38).

GC VOA

Method 8021B: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-80943 and analytical batch 880-80944 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-80935 and analytical batch 880-80855 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-3 (1.5') (880-43566-33), SW-4 (1.5') (880-43566-34), SW-5 (1.5') (880-43566-35), SW-6 (1.5') (880-43566-36) and SW-8 (1.5') (880-43566-38). 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 880-80935 and analytical batch 880-80855 was outside the upper control limits.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-80946 and analytical batch 880-80950 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-4 (1.5') (880-43566-4). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-80938 and analytical batch 880-80929 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix

Eurofins Midland

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Case Narrative

Client: Carmona Resources Job ID: 880-43566-1 Project: Paduca Main

Job ID: 880-43566-1 (Continued)

Eurofins Midland

interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: CS-23 (1.5') (880-43566-23), CS-24 (1.5') (880-43566-24), CS-25 (1.5') (880-43566-25) and CS-26 (1.5') (880-43566-26). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-80940 and analytical batch 880-80928 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-80940 and analytical batch 880-80928 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

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

Eurofins Midland

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Job ID: 880-43566-1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-43566-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		05/17/24 08:32	05/17/24 11:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 11:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 11:58	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/17/24 08:32	05/17/24 11:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 11:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/17/24 08:32	05/17/24 11:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				05/17/24 08:32	05/17/24 11:58	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/17/24 08:32	05/17/24 11:58	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/17/24 11:58	1
Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/17/24 11:04	1

Michiga. Offoro ou lob Min - Dica	oci italige Oiga	ilics (Bito)	(00)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 11:04	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U F1	50.0		mg/Kg		05/17/24 08:23	05/17/24 11:04	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 11:04	1
Total TPH	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 11:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	05/17/24 08:23	05/17/24 11:04	1
o-Terphenyl	100		70 - 130	05/17/24 08:23	05/17/24 11:04	1

ı	Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble	•					
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	145	5.05	mg/Kg			05/17/24 11:07	1

Client Sample ID: CS-2 (1.5') Lab Sample ID: 880-43566-2 Date Collected: 05/15/24 00:00 Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		05/17/24 08:32	05/17/24 12:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 12:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 12:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/17/24 08:32	05/17/24 12:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 12:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/17/24 08:32	05/17/24 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				05/17/24 08:32	05/17/24 12:18	1
1.4-Difluorobenzene (Surr)	92		70 - 130				05/17/24 08:32	05/17/24 12:18	1

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-43566-2

Matrix: Solid

Client Sample ID: CS-2 (1.5') Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/17/24 12:18	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/17/24 12:05	1
- Method: SW846 8015B NM - Diese	el Range Orga	nics (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		05/17/24 08:23	05/17/24 12:05	1
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 12:05	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 12:05	1
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				05/17/24 08:23	05/17/24 12:05	1
o-Terphenyl	110		70 - 130				05/17/24 08:23	05/17/24 12:05	1
Method: EPA 300.0 - Anions, Ion (Chromatograp	hy - Solubl	e						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		5.03		mg/Kg			05/17/24 11:26	

Client Sample ID: CS-3 (1.5') Lab Sample ID: 880-43566-3

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		05/17/24 08:32	05/17/24 12:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 12:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 12:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/17/24 08:32	05/17/24 12:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 12:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/17/24 08:32	05/17/24 12:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				05/17/24 08:32	05/17/24 12:39	1
1,4-Difluorobenzene (Surr)	88		70 - 130				05/17/24 08:32	05/17/24 12:39	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/17/24 12:39	1
Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/17/24 12:27	1
Method: SW846 8015B NM - D	iesel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
· ······· y · · ·							•	•	

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Matrix: Solid

(GRO)-C6-C10

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-43566-3

Matrix: Solid

Client Sample ID: CS-3 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 12:27	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 12:27	1
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				05/17/24 08:23	05/17/24 12:27	1
o-Terphenyl	89		70 - 130				05/17/24 08:23	05/17/24 12:27	1

Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed 5.04 05/17/24 11:32 Chloride 146 mg/Kg

Date Collected: 05/15/24 00:00

Client Sample ID: CS-4 (1.5') Lab Sample ID: 880-43566-4 Matrix: Solid Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		05/17/24 08:32	05/17/24 13:01	
Toluene	< 0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 13:01	
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 13:01	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/17/24 08:32	05/17/24 13:01	
o-Xylene	< 0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 13:01	,
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/17/24 08:32	05/17/24 13:01	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				05/17/24 08:32	05/17/24 13:01	
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:32	05/17/24 13:01	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifici	RL.	IVIDE	Ollit		riepaieu	Allalyzeu	Diria
	<0.00402		0.00402	WIDE	mg/Kg	=		05/17/24 13:01	
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00402	U	0.00402	MDL	mg/Kg		Prepared		
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00402	ics (DRO) (Qualifier	0.00402 GC)		mg/Kg	=	<u> </u>	05/17/24 13:01	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	<0.00402 el Range Organ Result <49.7	ics (DRO) (0.00402 GC) RL 49.7		mg/Kg	=	<u> </u>	05/17/24 13:01 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	<0.00402 el Range Organ Result <49.7 sel Range Organ	ics (DRO) (0.00402 GC) RL 49.7		mg/Kg Unit mg/Kg	=	<u> </u>	05/17/24 13:01 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte	<0.00402 el Range Organ Result <49.7 sel Range Organ	ics (DRO) (Qualifier U	0.00402 GC) RL 49.7 (GC)	MDL	mg/Kg Unit mg/Kg		Prepared	05/17/24 13:01 Analyzed 05/17/24 12:51	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	<0.00402 el Range Organ Result <49.7 sel Range Organ Result	ics (DRO) (Qualifier U	0.00402 GC) RL 49.7 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit		Prepared Prepared	05/17/24 13:01 Analyzed 05/17/24 12:51 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00402 el Range Organ Result <49.7 sel Range Organ Result	U ics (DRO) (Qualifier U anics (DRO) Qualifier U	0.00402 GC) RL 49.7 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit		Prepared Prepared	05/17/24 13:01 Analyzed 05/17/24 12:51 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00402 el Range Organ Result <49.7 <49.7	ics (DRO) (Or Qualifier Urics (DRO) Qualifier Urics (DRO)	0.00402 RL 49.7 (GC) RL 49.7 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg		Prepared Prepared 05/17/24 08:23 05/17/24 08:23	Analyzed 05/17/24 12:51 Analyzed 05/17/24 12:51 05/17/24 12:51	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00402 el Range Organ Result <49.7 sel Range Orga Result <49.7 <49.7 <49.7	U ics (DRO) (Qualifier U anics (DRO) Qualifier U U	0.00402 GC) RL 49.7 (GC) RL 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg		Prepared 05/17/24 08:23 05/17/24 08:23	05/17/24 13:01 Analyzed 05/17/24 12:51 Analyzed 05/17/24 12:51 05/17/24 12:51	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00402 el Range Organ Result <49.7 <49.7	U ics (DRO) (Qualifier U anics (DRO) Qualifier U U	0.00402 RL 49.7 (GC) RL 49.7 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg		Prepared Prepared 05/17/24 08:23 05/17/24 08:23	Analyzed 05/17/24 12:51 Analyzed 05/17/24 12:51 05/17/24 12:51	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	<0.00402 el Range Organ Result <49.7 sel Range Orga Result <49.7 <49.7 <49.7	U ics (DRO) (Qualifier U anics (DRO) Qualifier U U U U	0.00402 RL 49.7 (GC) RL 49.7 49.7 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:23 05/17/24 08:23	05/17/24 13:01 Analyzed 05/17/24 12:51 Analyzed 05/17/24 12:51 05/17/24 12:51	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese	<0.00402 el Range Organ Result <49.7 sel Range Orga Result <49.7 <49.7 <49.7 <49.7	ics (DRO) (Qualifier U unics (DRO) Qualifier U U U U Qualifier	0.00402 RL 49.7 (GC) RL 49.7 49.7 49.7 49.7	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared Prepared 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23	Analyzed 05/17/24 12:51 Analyzed 05/17/24 12:51 05/17/24 12:51 05/17/24 12:51 05/17/24 12:51	Dil Face Dil Face 1 Dil Face 1 Dil Face 1 Dil Face 1

Client Sample ID: CS-4 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-43566-4

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
	Chloride	133	4.99	mg/Kg			05/17/24 11:38	1	

Client Sample ID: CS-5 (1.5')

Date Collected: 05/15/24 00:00

Lab Sample ID: 880-43566-5

Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		05/17/24 08:32	05/17/24 13:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 13:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 13:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/17/24 08:32	05/17/24 13:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 13:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/17/24 08:32	05/17/24 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118	-	70 - 130				05/17/24 08:32	05/17/24 13:22	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:32	05/17/24 13:22	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			05/17/24 13:22	1

Method: SW846 8015 NM - Diesel R	lange Organics (DRO) (G	C)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	mg/Kg			05/17/24 13:12	1

Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 13:12	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 13:12	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 13:12	1
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Guiroguic	miccovery	Qualifici	Lillies	rrepart	Ju	Analyzea	Dii i ac	
1-Chlorooctane	112		70 - 130	05/17/24 0)8:23	05/17/24 13:12	1	
o-Terphenyl	115		70 - 130	05/17/24 ()8:23	05/17/24 13:12	1	
_								

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac	
	Chloride	121	4.96	mg/Kg			05/17/24 11:44	1	

Client Sample ID: CS-6 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-6

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00199	U *+	0.00199		mg/Kg		05/17/24 08:32	05/17/24 13:43	1
	Toluene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:32	05/17/24 13:43	1

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Project/Site: Paduca Main

Client Sample ID: CS-6 (1.5')

Lab Sample ID: 880-43566-6

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:32	05/17/24 13:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/17/24 08:32	05/17/24 13:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:32	05/17/24 13:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/17/24 08:32	05/17/24 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				05/17/24 08:32	05/17/24 13:43	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:32	05/17/24 13:43	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/17/24 13:43	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/17/24 13:33	1
Method: SW846 8015B NM - Die:	sel Range Orga	nics (DRO)	(GC)						
Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 13:33	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 13:33	1
C10-C28)									
Oil Panga Organica (Over C29 C26)	-10.0	11	40.0		nn ar/1/ ar		05/47/04 00:00	OE /47/04 40:00	- 1
	<49.8		49.8		mg/Kg		05/17/24 08:23	05/17/24 13:33	1
Oil Range Organics (Over C28-C36) Total TPH	<49.8 <49.8		49.8 49.8		mg/Kg mg/Kg		05/17/24 08:23 05/17/24 08:23	05/17/24 13:33 05/17/24 13:33	1
Total TPH Surrogate	<49.8	U	49.8				05/17/24 08:23	05/17/24 13:33	1
Total TPH	<49.8 %Recovery	U	49.8				05/17/24 08:23 Prepared	05/17/24 13:33 Analyzed	Dil Fac
Total TPH Surrogate 1-Chlorooctane	<49.8 **Recovery 109 112	U Qualifier	49.8 Limits 70 - 130 70 - 130				05/17/24 08:23 Prepared 05/17/24 08:23	05/17/24 13:33 Analyzed 05/17/24 13:33	Dil Fac
Total TPH Surrogate 1-Chlorooctane o-Terphenyl	<49.8 %Recovery 109 112 Chromatograp	U Qualifier	49.8 Limits 70 - 130 70 - 130	MDL		D	05/17/24 08:23 Prepared 05/17/24 08:23	05/17/24 13:33 Analyzed 05/17/24 13:33	Dil Fac

Client Sample ID: CS-7 (1.5')

Date Collected: 05/15/24 00:00

Lab Sample ID: 880-43566-7

Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/17/24 08:32	05/17/24 14:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 14:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 14:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/17/24 08:32	05/17/24 14:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 14:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/17/24 08:32	05/17/24 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				05/17/24 08:32	05/17/24 14:03	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:32	05/17/24 14:03	1

Date Received: 05/16/24 16:50

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-43566-1

SDG: Lea Co. NM

Client Sample ID: CS-7 (1.5') Lab Sample ID: 880-43566-7 Date Collected: 05/15/24 00:00

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/17/24 14:03	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/17/24 13:54	1
Method: SW846 8015B NM - Diese	l Range Orga	nics (DRO)	(GC)						
		, ,	` '	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	Prepared 05/17/24 08:23	Analyzed 05/17/24 13:54	Dil Fac
Analyte Gasoline Range Organics		Qualifier	` '	MDL	Unit mg/Kg	<u>D</u>	Prepared 05/17/24 08:23	Analyzed 05/17/24 13:54	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result	Qualifier U	RL	MDL		<u>D</u>			Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.9	Qualifier U	RL 49.9	MDL	mg/Kg	<u>D</u>	05/17/24 08:23	05/17/24 13:54	Dil Fac
Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.9	Qualifier U	RL 49.9	MDL	mg/Kg	<u>D</u>	05/17/24 08:23	05/17/24 13:54	Dil Fac 1 1

%Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac 1-Chlorooctane 89 70 - 130 05/17/24 08:23 05/17/24 13:54 92 70 - 130 05/17/24 08:23 05/17/24 13:54 o-Terphenyl

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 137 5.02 mg/Kg 05/17/24 12:09

Client Sample ID: CS-8 (1.5') Lab Sample ID: 880-43566-8 Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		05/17/24 08:32	05/17/24 14:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 14:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 14:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/17/24 08:32	05/17/24 14:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 14:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/17/24 08:32	05/17/24 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				05/17/24 08:32	05/17/24 14:24	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:32	05/17/24 14:24	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/17/24 14:24	1
Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/17/24 14:14	1
Method: SW846 8015B NM - D	iesel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/17/24 08:23	05/17/24 14:14	

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(GRO)-C6-C10

Project/Site: Paduca Main Client Sample ID: CS-8 (1.5')

Client: Carmona Resources

Lab Sample ID: 880-43566-8

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/17/24 08:23	05/17/24 14:14	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/17/24 08:23	05/17/24 14:14	1
Total TPH	<49.9	U	49.9		mg/Kg		05/17/24 08:23	05/17/24 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chloroctane	76		70 130				05/17/24 08:22	05/17/24 14:14	

_					
1-Chlorooctane	76	70 - 130	05/17/24 08:23	05/17/24 14:14	1
o-Terphenyl	79	70 - 130	05/17/24 08:23	05/17/24 14:14	1

Method: EPA 300.0 - Anions, Ion Cl	nromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155	5.01	mg/Kg			05/17/24 12:15	1

Client Sample ID: CS-9 (1.5') Lab Sample ID: 880-43566-9 Date Collected: 05/15/24 00:00 Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/17/24 08:32	05/17/24 14:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 14:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 14:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/17/24 08:32	05/17/24 14:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 14:44	1
Xylenes, Total	< 0.00401	U	0.00401		mg/Kg		05/17/24 08:32	05/17/24 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	05/17/24 08:32	05/17/24 14:44	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/17/24 08:32	05/17/24 14:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Uni	it D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/	/Kg		05/17/24 14:44	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			05/17/24 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 14:35	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 14:35	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 14:35	1
Total TPH	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/17/24 08:23	05/17/24 14:35	1
o-Terphenyl	99		70 - 130	05/17/24 08:23	05/17/24 14:35	1

Client: Carmona Resources

Job
Project/Site: Paduca Main

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Lab Sample ID: 880-43566-9

Client Sample ID: CS-9 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - SolubleAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacChloride1424.97mg/Kg05/17/24 12:211

Client Sample ID: CS-10 (1.5')

Date Collected: 05/15/24 00:00

Lab Sample ID: 880-43566-10

Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		05/17/24 08:32	05/17/24 15:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 15:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 15:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/17/24 08:32	05/17/24 15:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 15:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/17/24 08:32	05/17/24 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				05/17/24 08:32	05/17/24 15:05	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/17/24 08:32	05/17/24 15:05	1

Method: TAL SOP Total BTEX - Tot	al BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/17/24 15:05	1

Method: SW846 8015 NM - Diesel R	Range Organics (DRO) (GC	;)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			05/17/24 14:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 14:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 14:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 14:56	1
Total TPH	<50.0	U	50.0		mg/Kg		05/17/24 08:23	05/17/24 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	05/17/24 08:2	3 05/17/24 14:56	1
o-Terphenyl	101		70 - 130	05/17/24 08:2	3 05/17/24 14:56	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136	4.96	mg/Kg			05/17/24 12:27	1

Client Sample ID: CS-11 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-11

Matrix: Solid

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200	mg/Kg		05/17/24 08:32	05/17/24 16:39	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/17/24 08:32	05/17/24 16:39	1

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11

13

E/20/202*/*

Client Sample ID: CS-11 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-43566-11

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 16:39	-
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/17/24 08:32	05/17/24 16:39	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 16:39	•
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/17/24 08:32	05/17/24 16:39	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	121		70 - 130				05/17/24 08:32	05/17/24 16:39	
1,4-Difluorobenzene (Surr)	92		70 - 130				05/17/24 08:32	05/17/24 16:39	•
Method: TAL SOP Total BTEX -	Total BTEX Cale	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/17/24 16:39	
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.8	U	49.8		mg/Kg			05/17/24 15:37	1
Method: SW846 8015B NM - Die	sel Range Orga	nics (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		05/17/24 08:23	05/17/24 15:37	
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 15:37	
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 15:37	
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 15:37	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	94		70 - 130				05/17/24 08:23	05/17/24 15:37	
o-Terphenyl	97		70 - 130				05/17/24 08:23	05/17/24 15:37	
Method: EPA 300.0 - Anions, lor	n Chromatogran	hv - Solubl	e						
Analyte	•	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa

Client Sample ID: CS-12 (1.5')

Date Collected: 05/15/24 00:00

Lab Sample ID: 880-43566-12

Matrix: Solid

5.05

mg/Kg

197

Date Received: 05/16/24 16:50

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		05/17/24 08:32	05/17/24 16:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 16:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 16:59	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/17/24 08:32	05/17/24 16:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 16:59	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/17/24 08:32	05/17/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				05/17/24 08:32	05/17/24 16:59	1
1,4-Difluorobenzene (Surr)	92		70 ₋ 130				05/17/24 08:32	05/17/24 16:59	1

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05/17/24 12:33

Job ID: 880-43566-1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM Client Sample ID: CS-12 (1.5')

Lab Sample ID: 880-43566-12 Matrix: Solid

05/17/24 12:52

Matrix: Solid

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/17/24 16:59	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/17/24 15:57	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 15:57	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 15:57	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 15:57	1
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				05/17/24 08:23	05/17/24 15:57	1
o-Terphenyl	96		70 - 130				05/17/24 08:23	05/17/24 15:57	1

4.95 Client Sample ID: CS-13 (1.5') Lab Sample ID: 880-43566-13

mg/Kg

237

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		05/17/24 08:32	05/17/24 17:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 17:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 17:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/17/24 08:32	05/17/24 17:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 17:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/17/24 08:32	05/17/24 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				05/17/24 08:32	05/17/24 17:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/17/24 08:32	05/17/24 17:20	1
•									
Method: TAL SOP Total BTEX	(- Total BTEX Cald	culation							
		culation Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX		Qualifier	RL 0.00404	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 05/17/24 17:20	Dil Fac
Analyte Total BTEX	Result <0.00404	Qualifier U	0.00404	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total BTEX Method: SW846 8015 NM - Did	Result <0.00404 esel Range Organ	Qualifier U	0.00404	MDL		<u>D</u>	Prepared Prepared		Dil Fac
Analyte	Result <0.00404 esel Range Organ	Qualifier U	0.00404 GC)		mg/Kg			05/17/24 17:20	1
Analyte Total BTEX Method: SW846 8015 NM - Did Analyte	Result <0.00404 esel Range Organ Result <49.7	Qualifier U ics (DRO) (Qualifier U	0.00404 GC) RL 49.7		mg/Kg			05/17/24 17:20 Analyzed	1
Analyte Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	Result <0.00404 esel Range Organ Result <49.7 Diesel Range Orga	Qualifier U ics (DRO) (Qualifier U	0.00404 GC) RL 49.7		mg/Kg			05/17/24 17:20 Analyzed	1

Eurofins Midland

(GRO)-C6-C10

Project/Site: Paduca Main

Client Sample ID: CS-13 (1.5') Lab Sample ID: 880-43566-13 Date Collected: 05/15/24 00:00

Matrix: Solid

Date Received: 05/16/24 16:50

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 16:17	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 16:17	1
Total TPH	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/17/24 08:23	05/17/24 16:17	1
o-Terphenyl	97		70 ₋ 130				05/17/24 08:23	05/17/24 16:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed 4.96 05/17/24 12:58 Chloride 228 mg/Kg

Client Sample ID: CS-14 (1.5')

Lab Sample ID: 880-43566-14

Date Collected: 05/15/24 00:00 Matrix: Solid Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/17/24 08:32	05/17/24 17:40	
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 17:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 17:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/17/24 08:32	05/17/24 17:40	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 17:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/17/24 08:32	05/17/24 17:40	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)			70 - 130				05/17/24 08:32	05/17/24 17:40	
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:32	05/17/24 17:40	
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
A L .4 -	Popult	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Qualifier	KL	MDL	Oilit		riepaieu	Allalyzea	
Total BTEX	<0.00401		0.00401	WIDE	mg/Kg	=	Trepared	05/17/24 17:40	
	<0.00401	U	0.00401	MIDL		=			
Total BTEX	<0.00401	U	0.00401				Prepared		
Total BTEX Method: SW846 8015 NM - Diese	<0.00401	ics (DRO) (Qualifier	0.00401 GC)		mg/Kg			05/17/24 17:40	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00401 el Range Organ Result <50.0	ics (DRO) (Gualifier	0.00401 GC) RL 50.0		mg/Kg			05/17/24 17:40 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	<0.00401 el Range Organ Result <50.0 sel Range Organ	ics (DRO) (Gualifier	0.00401 GC) RL 50.0	MDL	mg/Kg			05/17/24 17:40 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	<0.00401 el Range Organ Result <50.0 sel Range Organ	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00401 GC) RL 50.0 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	05/17/24 17:40 Analyzed 05/17/24 16:38	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00401 el Range Organ Result <50.0 sel Range Organ Result	ics (DRO) (Qualifier U nics (DRO) Qualifier U	0.00401 GC) RL 50.0 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	05/17/24 17:40 Analyzed 05/17/24 16:38 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00401 el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U U U	0.00401 GC) RL 50.0 (GC) RL 50.0	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 05/17/24 08:23 05/17/24 08:23	Analyzed 05/17/24 16:38 Analyzed 05/17/24 16:38 05/17/24 16:38	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	<0.00401 el Range Organ Result <50.0 sel Range Orga Result <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U U U U	0.00401 GC) RL 50.0 (GC) RL 50.0	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 05/17/24 08:23	05/17/24 17:40 Analyzed 05/17/24 16:38 Analyzed 05/17/24 16:38	Dil Fa
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	<0.00401 el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U U U U U	0.00401 GC) RL 50.0 (GC) RL 50.0 50.0	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 05/17/24 08:23 05/17/24 08:23	Analyzed 05/17/24 16:38 Analyzed 05/17/24 16:38 05/17/24 16:38 05/17/24 16:38 05/17/24 16:38	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00401 el Range Organ Result <50.0 sel Range Orga Result <50.0 <50.0 <50.0 <50.0	ics (DRO) (Qualifier U nics (DRO) Qualifier U U U U U	0.00401 GC) RL 50.0 (GC) RL 50.0 50.0 50.0 50.0	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23	05/17/24 17:40 Analyzed 05/17/24 16:38 Analyzed 05/17/24 16:38 05/17/24 16:38	Dil Fac

Client: Carmona Resources Project/Site: Paduca Main

Client Sample ID: CS-14 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50 Lab Sample ID: 880-43566-14

Matrix: Solid

Method: EPA 300.0 - Anions, Ion C	hromatography - Sol	luble						
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222	4.97		mg/Kg			05/17/24 13:16	1

Client Sample ID: CS-15 (1.5')

Date Collected: 05/15/24 00:00

Lab Sample ID: 880-43566-15

Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/17/24 08:32	05/17/24 18:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 18:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 18:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/17/24 08:32	05/17/24 18:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 18:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/17/24 08:32	05/17/24 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119	-	70 - 130				05/17/24 08:32	05/17/24 18:01	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/17/24 08:32	05/17/24 18:01	1

Method: TAL SOP Total BTEX - Total	al BTEX Calc	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/17/24 18:01	1

Method: SW846 8015 NM - Diesel R	lange Organics (DRO) (GC	C)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			05/17/24 16:58	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/17/24 08:23	05/17/24 16:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/17/24 08:23	05/17/24 16:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/17/24 08:23	05/17/24 16:58	1
Total TPH	<49.9	U	49.9		mg/Kg		05/17/24 08:23	05/17/24 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analvzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93	,	70 - 130	05/17/24 08:3	23 05/17/24 16:58	1
o-Terphenyl	96		70 - 130	05/17/24 08:2	23 05/17/24 16:58	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205	5.04	mg/Kg			05/17/24 13:22	1

Client Sample ID: CS-16 (1.5')

Date Collected: 05/15/24 00:00

Matrix: Solid

Date Received: 05/16/24 16:50

Method: SW846 8021B - Volatile Or	ganic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		05/17/24 08:32	05/17/24 18:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:32	05/17/24 18:21	1

Client: Carmona Resources Project/Site: Paduca Main

Client Sample ID: CS-16 (1.5') Lab Sample ID: 880-43566-16 Date Collected: 05/15/24 00:00

Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:32	05/17/24 18:21	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/17/24 08:32	05/17/24 18:21	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		05/17/24 08:32	05/17/24 18:21	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/17/24 08:32	05/17/24 18:21	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	120		70 - 130				05/17/24 08:32	05/17/24 18:21	
1,4-Difluorobenzene (Surr)	93		70 - 130				05/17/24 08:32	05/17/24 18:21	
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/17/24 18:21	-
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) ((GC)						
Method. 544040 0013 MM - Dies	ei italige Organ	ica (Dito) (30)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Analyte Total TPH	Result <49.9		RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 05/17/24 17:18	
	<49.9	U	49.9	MDL	mg/Kg	D	Prepared		
Total TPH Method: SW846 8015B NM - Die	<49.9	unics (DRO) Qualifier	49.9 (GC)		mg/Kg			05/17/24 17:18	Dil Fac
Total TPH Method: SW846 8015B NM - Dic Analyte Gasoline Range Organics	<49.9 esel Range Orga Result	unics (DRO) Qualifier	49.9 (GC)		mg/Kg		Prepared	05/17/24 17:18 Analyzed	Dil Fa
Total TPH Method: SW846 8015B NM - Dic Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.9 esel Range Orga Result <49.9	unics (DRO) Qualifier U	(GC) RL 49.9		mg/Kg Unit mg/Kg		Prepared 05/17/24 08:23	05/17/24 17:18 Analyzed 05/17/24 17:18	Dil Fa
Total TPH Method: SW846 8015B NM - Dic Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.9 esel Range Orga Result <49.9 <49.9	Unics (DRO) Qualifier U	(GC) RL 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/17/24 08:23	05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18	Dil Fa
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<49.9 esel Range Orga Result <49.9 <49.9 <49.9	Unics (DRO) Qualifier U U U	49.9 (GC) RL 49.9 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:23 05/17/24 08:23	05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18 05/17/24 17:18	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	<49.9 esel Range Orga Result <49.9 <49.9 <49.9 <49.9	Unics (DRO) Qualifier U U U	49.9 (GC) RL 49.9 49.9 49.9 49.9 49.9		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23	05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18 05/17/24 17:18 05/17/24 17:18	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate	49.9 esel Range Orga Result <49.9 <49.9 <49.9 <49.9 %Recovery	Unics (DRO) Qualifier U U U	49.9 (GC) RL 49.9 49.9 49.9 49.9 Limits		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23 Prepared	05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18 05/17/24 17:18 05/17/24 17:18 Analyzed	Dil Fa
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	<49.9 esel Range Orga Result <49.9 <49.9 <49.9 <49.9 %Recovery 95 <99	U Inics (DRO) Qualifier U U U Qualifier	49.9 (GC) RL 49.9 49.9 49.9 49.9 Limits 70 - 130 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23 Prepared 05/17/24 08:23	05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18 05/17/24 17:18 Analyzed 05/17/24 17:18	Dil Fac
Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	esel Range Orga Result <49.9 <49.9 <49.9 <49.9 %Recovery 95 99 n Chromatograp	U Inics (DRO) Qualifier U U U Qualifier	49.9 (GC) RL 49.9 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23 05/17/24 08:23 Prepared 05/17/24 08:23	05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18 05/17/24 17:18 Analyzed 05/17/24 17:18	Dil Fac

Lab Sample ID: 880-43566-17 Client Sample ID: CS-17 (1.5') Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		05/17/24 08:32	05/17/24 18:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 18:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 18:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/17/24 08:32	05/17/24 18:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:32	05/17/24 18:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/17/24 08:32	05/17/24 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				05/17/24 08:32	05/17/24 18:42	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/17/24 08:32	05/17/24 18:42	1

ent Sample Results

Job ID: 880-43566-1 SDG: Lea Co. NM

Client Sample ID: CS-17 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-43566-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/17/24 18:42	1
Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/17/24 17:39	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 17:39	1
(GRO)-C6-C10	<49.8		49.8		//		05/17/24 08:23	05/17/24 17:39	4
Diesel Range Organics (Over C10-C28)	\49.0	U	49.0		mg/Kg		05/17/24 06:23	05/17/24 17:39	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 17:39	1
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/17/24 08:23	05/17/24 17:39	1
o-Terphenyl	96		70 - 130				05/17/24 08:23	05/17/24 17:39	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.02		mg/Kg			05/17/24 13:35	

Client Sample ID: CS-18 (1.5')

Lab Sample ID: 880-43566-18

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Mathod: CW04C 0024B, Valatile Organic Commounds (CC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		05/17/24 08:32	05/17/24 19:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 19:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 19:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/17/24 08:32	05/17/24 19:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 19:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/17/24 08:32	05/17/24 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				05/17/24 08:32	05/17/24 19:02	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/17/24 08:32	05/17/24 19:02	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/17/24 19:02	1
Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/17/24 17:59	1

Eurofins Midland

Analyzed

05/17/24 17:59

Matrix: Solid

RL

49.8

Result Qualifier

<49.8 U

MDL Unit

mg/Kg

Prepared

05/17/24 08:23

Dil Fac

Analyte

(GRO)-C6-C10

Gasoline Range Organics

Job ID: 880-43566-1

SDG: Lea Co. NM

Project/Site: Paduca Main Client Sample ID: CS-18 (1.5')

Lab Sample ID: 880-43566-18

05/17/24 08:23

Matrix: Solid

05/17/24 17:59

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

i	
	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	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 17:59	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 17:59	1
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:23	05/17/24 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/17/24 08:23	05/17/24 17:59	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125	5.04	mg/Kg			05/17/24 13:41	1

70 - 130

Client Sample ID: CS-19 (1.5')

Lab Sample ID: 880-43566-19 Date Collected: 05/15/24 00:00 Matrix: Solid

Date Received: 05/16/24 16:50

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		05/17/24 08:32	05/17/24 19:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 19:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 19:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/17/24 08:32	05/17/24 19:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:32	05/17/24 19:22	1
Xylenes, Total	< 0.00404	U	0.00404		mg/Kg		05/17/24 08:32	05/17/24 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	05/17/24 08:32	05/17/24 19:22	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/17/24 08:32	05/17/24 19:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/17/24 19:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result Qualifier	RL	MDL U	Jnit D	Prepared	Analyzed	Dil Fac			
Total TPH	<49.7 U	49.7	m	ng/Kg		05/17/24 18:19	1			

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 18:19	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 18:19	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 18:19	1
Total TPH	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/17/24 08:23	05/17/24 18:19	1
o-Terphenyl	101		70 - 130	05/17/24 08:23	05/17/24 18:19	1

Job ID: 880-43566-1

SDG: Lea Co. NM

Client Sample ID: CS-19 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-43566-19

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chro	300.0 - Anions, Ion Chromatography - Soluble								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		5.01		mg/Kg			05/17/24 13:47	1

Client Sample ID: CS-20 (1.5') Lab Sample ID: 880-43566-20 Date Collected: 05/15/24 00:00 Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		05/17/24 08:32	05/17/24 19:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 19:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 19:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/17/24 08:32	05/17/24 19:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:32	05/17/24 19:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/17/24 08:32	05/17/24 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				05/17/24 08:32	05/17/24 19:43	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/17/24 08:32	05/17/24 19:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00402	U	0.00402		mg/Kg			05/17/24 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			05/17/24 18:40	1			

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 18:40	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 18:40	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 18:40	1
Total TPH	<49.7	U	49.7		mg/Kg		05/17/24 08:23	05/17/24 18:40	1
Surregate	% Bassyon,	Qualifier	Limita				Dranarad	Analyzad	Dil Ess

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	05/17/24 08:	23 05/17/24 18:40	1
o-Terphenyl	108		70 - 130	05/17/24 08:	23 05/17/24 18:40	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159	5.03	mg/Kg			05/17/24 13:53	1

Client Sample ID: CS-21 (1.5') Lab Sample ID: 880-43566-21 Date Collected: 05/15/24 00:00 **Matrix: Solid** Date Received: 05/16/24 16:50

Method: SW846 8021B - Volatile O	rganic Compo	unds (GC))					
Analyte	Result (Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/17/24 08:40	05/17/24 13:11	1
Toluene	<0.00200 l	U F1	0.00200	mg/Kg		05/17/24 08:40	05/17/24 13:11	1

Client: Carmona Resources Project/Site: Paduca Main Client Sample ID: CS-21 (1.5')

Lab Sample ID: 880-43566-21

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 13:11	1
m-Xylene & p-Xylene	< 0.00399	U	0.00399		mg/Kg		05/17/24 08:40	05/17/24 13:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 13:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/17/24 08:40	05/17/24 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				05/17/24 08:40	05/17/24 13:11	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/17/24 08:40	05/17/24 13:11	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/17/24 13:11	1
ivieurou. Syvo40 ou is ivivi - Diese	el Range Organ	ics (DRO) (GC)						
Method: SW846 8015 NM - Diese Analyte		Qualifier	GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 05/17/24 11:04	Dil Fac
Analyte	Result <50.1	Qualifier U	RL 50.1	MDL		<u>D</u>	Prepared		
Analyte Total TPH Method: SW846 8015B NM - Die	Result <50.1 sel Range Orga	Qualifier U	RL 50.1	MDL	mg/Kg	<u>D</u>	Prepared Prepared		1
Analyte Total TPH	Result <50.1 sel Range Orga	Qualifier U nics (DRO) Qualifier	RL 50.1		mg/Kg			05/17/24 11:04	1
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	Result <50.1 sel Range Orga Result <50.1	Qualifier U nics (DRO) Qualifier	(GC) RL		mg/Kg		Prepared	05/17/24 11:04 Analyzed	1 Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.1 sel Range Orga Result <50.1	Qualifier U nics (DRO) Qualifier U U *1 F1	(GC) RL 50.1		mg/Kg Unit mg/Kg		Prepared 05/17/24 08:29	05/17/24 11:04 Analyzed 05/17/24 11:04	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - Die: Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.1	Qualifier U nics (DRO) Qualifier U U *1 F1	RL 50.1 (GC) RL 50.1 50.1		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/17/24 08:29 05/17/24 08:29	05/17/24 11:04 Analyzed 05/17/24 11:04 05/17/24 11:04	1 Dil Fac 1
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <50.1	Qualifier U nics (DRO) Qualifier U U *1 F1 U	RL 50.1 (GC) RL 50.1 50.1		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29	05/17/24 11:04 Analyzed 05/17/24 11:04 05/17/24 11:04 05/17/24 11:04	1 Dil Fac 1 1 1
Analyte Total TPH Method: SW846 8015B NM - Die Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	Result <50.1	Qualifier U nics (DRO) Qualifier U U *1 F1 U	RL 50.1 (GC) RL 50.1 50.1 50.1 50.1		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29	Analyzed 05/17/24 11:04 05/17/24 11:04 05/17/24 11:04 05/17/24 11:04	1 Dil Fac 1 1 1 1

Client Sample ID: CS-22 (1.5') Lab Sample ID: 880-43566-22 Date Collected: 05/15/24 00:00 **Matrix: Solid**

RL

4.97

MDL Unit

mg/Kg

D

Prepared

Analyzed

05/17/24 11:25

Dil Fac

Date Received: 05/16/24 16:50

Analyte

Chloride

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

114

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:40	05/17/24 18:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:40	05/17/24 18:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:40	05/17/24 18:02	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/17/24 08:40	05/17/24 18:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:40	05/17/24 18:02	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/17/24 08:40	05/17/24 18:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				05/17/24 08:40	05/17/24 18:02	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/17/24 08:40	05/17/24 18:02	1

Client: Carmona Resources Project/Site: Paduca Main

> Lab Sample ID: 880-43566-22 Matrix: Solid

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client Sample ID: CS-22 (1.5')

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/17/24 18:02	1
Method: SW846 8015 NM - Die	sel Range Organ	ics (DRO) (G	SC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/17/24 12:05	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 12:05	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U *1	50.0		mg/Kg		05/17/24 08:29	05/17/24 12:05	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 12:05	1
Total TPH	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 12:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	05/17/24 08:29	05/17/24 12:05	1
o-Terphenyl	106		70 - 130	05/17/24 08:29	05/17/24 12:05	1
_						

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Chloride 135 4.96 mg/Kg 05/17/24 11:41

Client Sample ID: CS-23 (1.5') Lab Sample ID: 880-43566-23 **Matrix: Solid**

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
enzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:40	05/17/24 18:23	1
oluene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:40	05/17/24 18:23	1
thylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:40	05/17/24 18:23	1
n-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/17/24 08:40	05/17/24 18:23	1
-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:40	05/17/24 18:23	1
(ylenes, Total	<0.00404	U	0.00404		mg/Kg		05/17/24 08:40	05/17/24 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
-Bromofluorobenzene (Surr)	86		70 - 130				05/17/24 08:40	05/17/24 18:23	1
,4-Difluorobenzene (Surr)	91		70 - 130				05/17/24 08:40	05/17/24 18:23	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal BTEX	<0.00404	U	0.00404		mg/Kg			05/17/24 18:23	1
Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
otal TPH	<49.9	U	49.9		mg/Kg			05/17/24 12:27	1

Eurofins Midland

05/17/24 08:29 05/17/24 12:27

49.9

mg/Kg

<49.9 U

Gasoline Range Organics

(GRO)-C6-C10

Job ID: 880-43566-1

SDG: Lea Co. NM

Project/Site: Paduca Main

Lab Sample ID: 880-43566-23

Matrix: Solid

Client Sample ID: CS-23 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.9	U *1	49.9		mg/Kg		05/17/24 08:29	05/17/24 12:27	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/17/24 08:29	05/17/24 12:27	1
Total TPH	<49.9	U	49.9		mg/Kg		05/17/24 08:29	05/17/24 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	60	S1-	70 - 130				05/17/24 08:29	05/17/24 12:27	1
o-Terphenyl	60	S1-	70 ₋ 130				05/17/24 08:29	05/17/24 12:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble								
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	113	4.97	mg/Kg			05/17/24 11:46	1

Client Sample ID: CS-24 (1.5')

Lab Sample ID: 880-43566-24 Date Collected: 05/15/24 00:00

Method: SW846 8021B - Volat	ile Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 18:43	
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 18:43	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 18:43	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/17/24 08:40	05/17/24 18:43	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 18:43	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/17/24 08:40	05/17/24 18:43	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	87		70 - 130				05/17/24 08:40	05/17/24 18:43	
1,4-Difluorobenzene (Surr)	91		70 - 130				05/17/24 08:40	05/17/24 18:43	
- Method: TAL SOP Total BTEX	- Total BTEX Cale	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/17/24 18:43	
- Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
T-4-LTDLL		11	40.0					05/47/04 40:54	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/17/24 18:43	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/17/24 12:51	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/17/24 08:29	05/17/24 12:51	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U *1	49.9		mg/Kg		05/17/24 08:29	05/17/24 12:51	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/17/24 08:29	05/17/24 12:51	1
Total TPH	<49.9	U	49.9		mg/Kg		05/17/24 08:29	05/17/24 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	3	S1-	70 - 130				05/17/24 08:29	05/17/24 12:51	
o-Terphenyl	0.6	S1-	70 - 130				05/17/24 08:29	05/17/24 12:51	1

Job ID: 880-43566-1

SDG: Lea Co. NM

Client Sample ID: CS-24 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-43566-24

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qual	alifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770	24.8	mg/Kg			05/17/24 11:52	5

Lab Sample ID: 880-43566-25 Client Sample ID: CS-25 (1.5') Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 19:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 19:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 19:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/17/24 08:40	05/17/24 19:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 19:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/17/24 08:40	05/17/24 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				05/17/24 08:40	05/17/24 19:04	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:40	05/17/24 19:04	1

Method: TAL	SOP Total BTE	X - Total BTEX	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/17/24 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	<49.8	U	49.8		mg/Kg			05/17/24 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/17/24 08:29	05/17/24 13:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		05/17/24 08:29	05/17/24 13:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:29	05/17/24 13:12	1
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:29	05/17/24 13:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130	05/17/24 08:29	05/17/24 13:12	1
o-Terphenyl	0.3	S1-	70 - 130	05/17/24 08:29	05/17/24 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1750	25.2	mg/Kg			05/17/24 11:57	5

Client Sample ID: CS-26 (1.5')

Lab Sample ID: 880-43566-26 Date Collected: 05/15/24 00:00 **Matrix: Solid** Date Received: 05/16/24 16:50

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

method. 5440-40 doz 1b - Volatile Organic Compounds (CO)									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00199	U	0.00199	mg/Kg		05/17/24 08:40	05/17/24 19:24	1
	Toluene	< 0.00199	U	0.00199	mg/Kg		05/17/24 08:40	05/17/24 19:24	1

Client Sample ID: CS-26 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-43566-26

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:40	05/17/24 19:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/17/24 08:40	05/17/24 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:40	05/17/24 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/17/24 08:40	05/17/24 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				05/17/24 08:40	05/17/24 19:24	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:40	05/17/24 19:24	1

Method: TAL SOP Total BTEX - Total BTEX CalculationAnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacTotal BTEX<0.00398</td>U0.00398mg/Kg05/17/24 19:241

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)AnalyteResult TOTAL TPHQualifier QualifierRL Qualifier RL MDL Mg/KgUnit Mg/KgD Prepared Manalyzed Dil Fac Mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier MDL Dil Fac Analyte RL Unit D Prepared Analyzed <49.7 U 49.7 05/17/24 13:33 05/17/24 08:29 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.7 U *1 05/17/24 08:29 05/17/24 13:33 49.7 mg/Kg C10-C28) Oil Range Organics (Over C28-C36) 05/17/24 08:29 05/17/24 13:33 <49.7 U 49.7 mg/Kg Total TPH 05/17/24 08:29 05/17/24 13:33 <49.7 U 49.7 mg/Kg Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac

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 Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Chloride
 1570
 25.3
 mg/Kg
 05/17/24 12:14
 5

Client Sample ID: CS-27 (1.5')

Date Collected: 05/15/24 00:00

Lab Sample ID: 880-43566-27

Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:40	05/17/24 19:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:40	05/17/24 19:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:40	05/17/24 19:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/17/24 08:40	05/17/24 19:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:40	05/17/24 19:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/17/24 08:40	05/17/24 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				05/17/24 08:40	05/17/24 19:45	1
1,4-Difluorobenzene (Surr)	87		70 - 130				05/17/24 08:40	05/17/24 19:45	1

Eurofins Midland

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Client Sample Results

Client: Carmona Resources

Job ID: 880-43566-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: CS-27 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50 Lab Sample ID: 880-43566-27

05/17/24 13:54

05/17/24 13:54

Matrix: Solid

05/17/24 08:29

05/17/24 08:29

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/17/24 19:45	1		

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

 Analyte
 Result TPH
 Qualifier Quali

Method: SW846 8015B NM - Dies									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		05/17/24 08:29	05/17/24 13:54	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U *1	49.7		mg/Kg		05/17/24 08:29	05/17/24 13:54	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/17/24 08:29	05/17/24 13:54	1
Total TPH	<49.7	U	49.7		mg/Kg		05/17/24 08:29	05/17/24 13:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

Chloride 1720 25.1 mg/Kg 05/17/24 12:19 5

70 - 130

70 - 130

 Chloride
 1720
 25.1
 mg/Kg
 05/17/24 12:19
 5

 Client Sample ID: CS-28 (1.5')
 Lab Sample ID: 880-43566-28

77

79

Date Collected: 05/15/24 00:00
Date Received: 05/16/24 16:50

1-Chlorooctane

o-Terphenyl

Method: SW846 8021B - Volati		` '							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 20:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 20:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 20:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/17/24 08:40	05/17/24 20:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 20:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/17/24 08:40	05/17/24 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				05/17/24 08:40	05/17/24 20:05	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/17/24 08:40	05/17/24 20:05	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/17/24 20:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL_	MDL	Unit	<u>D</u> _	Prepared	Analyzed	Dil Fac	
Total TPH	<49.6	U	49.6		mg/Kg			05/17/24 14:14	1	
Frank and Owodo CodeB NM - Bis and	D	! (DDO)	(00)							

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Gasoline Range Organics	<49.6	U	49.6		mg/Kg		05/17/24 08:29	05/17/24 14:14	1
	(GRO)-C6-C10									

Dil Fac

Job ID: 880-43566-1

Client: Carmona Resources Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: CS-28 (1.5')

Lab Sample ID: 880-43566-28

Analyzed

05/17/24 12:24

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U *1	49.6		mg/Kg		05/17/24 08:29	05/17/24 14:14	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/17/24 08:29	05/17/24 14:14	1
Total TPH	<49.6	U	49.6		mg/Kg		05/17/24 08:29	05/17/24 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/17/24 08:29	05/17/24 14:14	1
o-Terphenyl	95		70 - 130				05/17/24 08:29	05/17/24 14:14	1

Client Sample ID: CS-29 (1.5') Lab Sample ID: 880-43566-29

Result Qualifier

1440

Date Collected: 05/15/24 00:00 Matrix: Solid

RL

25.0

MDL Unit

mg/Kg

D

Prepared

Date Received: 05/16/24 16:50

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:40	05/17/24 20:26	
Toluene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:40	05/17/24 20:26	,
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:40	05/17/24 20:26	,
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/17/24 08:40	05/17/24 20:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:40	05/17/24 20:26	,
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/17/24 08:40	05/17/24 20:26	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	90		70 - 130				05/17/24 08:40	05/17/24 20:26	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/17/24 08:40	05/17/24 20:26	1
Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total BTEX	<0.00404		0.00404	MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 05/17/24 20:26	
	<0.00404	U	0.00404	MDL		<u>D</u>	Prepared		Dil Fac
Total BTEX	<0.00404	U	0.00404			<u>D</u> 	Prepared		1
Total BTEX Method: SW846 8015 NM - Diese	<0.00404	ics (DRO) (Qualifier	0.00404 GC)		mg/Kg			05/17/24 20:26	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00404 el Range Organ Result <49.5	ics (DRO) (Qualifier	0.00404 GC) RL 49.5		mg/Kg			05/17/24 20:26 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	<0.00404 el Range Organ Result <49.5 sel Range Orga	ics (DRO) (Qualifier	0.00404 GC) RL 49.5	MDL	mg/Kg			05/17/24 20:26 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	<0.00404 el Range Organ Result <49.5 sel Range Orga	ics (DRO) (Qualifier Unics (DRO) Qualifier	0.00404 GC) RL 49.5 (GC)	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared	05/17/24 20:26 Analyzed 05/17/24 14:35	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00404 el Range Organ Result <49.5 sel Range Organ Result	ics (DRO) (Qualifier U	0.00404 GC) RL 49.5 (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u>D</u>	Prepared Prepared	05/17/24 20:26 Analyzed 05/17/24 14:35 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00404 el Range Organ Result <49.5 sel Range Orga Result <49.5 <49.5	ics (DRO) (Qualifier Umics (DRO) Qualifier Umics (DRO) Qualifier Umics U	0.00404 GC) RL 49.5 (GC) RL 49.5 49.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 05/17/24 08:29 05/17/24 08:29	05/17/24 20:26 Analyzed 05/17/24 14:35 Analyzed 05/17/24 14:35 05/17/24 14:35	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00404 el Range Organ Result <49.5 sel Range Orga Result <49.5	ics (DRO) (Qualifier U nnics (DRO) Qualifier U U *1	0.00404 GC) RL 49.5 (GC) RL 49.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared 05/17/24 08:29	05/17/24 20:26 Analyzed 05/17/24 14:35 Analyzed 05/17/24 14:35	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	<0.00404 el Range Organ Result <49.5 sel Range Orga Result <49.5 <49.5 <49.5 <49.5 <49.5	ics (DRO) (Qualifier U nnics (DRO) Qualifier U U*1 U	0.00404 GC) RL 49.5 (GC) RL 49.5 49.5 49.5 49.5 49.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29	Analyzed 05/17/24 14:35 Analyzed 05/17/24 14:35 05/17/24 14:35 05/17/24 14:35 05/17/24 14:35	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00404 el Range Organ Result <49.5 sel Range Orga Result <49.5 <49.5 <49.5 <49.5	ics (DRO) (Qualifier U nnics (DRO) Qualifier U U*1 U	0.00404 GC) RL 49.5 (GC) RL 49.5 49.5 49.5	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	Prepared Prepared 05/17/24 08:29 05/17/24 08:29	05/17/24 20:26 Analyzed 05/17/24 14:35 Analyzed 05/17/24 14:35 05/17/24 14:35	

Job ID: 880-43566-1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: CS-29 (1.5') Lab Sample ID: 880-43566-29

Date Collected: 05/15/24 00:00 Matrix: Solid Date Received: 05/16/24 16:50

Method: EPA 300.0 - Anions, Ion Cl	hromatograp	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1830		25.2		mg/Kg			05/17/24 12:30	5

Client Sample ID: CS-30 (1.5') Lab Sample ID: 880-43566-30 Date Collected: 05/15/24 00:00 Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:40	05/17/24 20:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:40	05/17/24 20:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:40	05/17/24 20:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/17/24 08:40	05/17/24 20:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:40	05/17/24 20:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/17/24 08:40	05/17/24 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				05/17/24 08:40	05/17/24 20:47	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/17/24 08:40	05/17/24 20:47	1

Method: TAL SOP Total BTEX - Tot	al BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/17/24 20:47	1

Method: SW846 8015 NM - Diesel R	lange Organics (DRO) (GC	5)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6 U	49.6	mg/Kg			05/17/24 14:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		05/17/24 08:29	05/17/24 14:56	1
Diesel Range Organics (Over C10-C28)	<49.6	U *1	49.6		mg/Kg		05/17/24 08:29	05/17/24 14:56	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/17/24 08:29	05/17/24 14:56	1
Total TPH	<49.6	U	49.6		mg/Kg		05/17/24 08:29	05/17/24 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	05/17/24 08:29	05/17/24 14:56	1
o-Terphenyl	87		70 - 130	05/17/24 08:29	05/17/24 14:56	1

Method: EPA 300.0 - Anions, Ion C	hromatograph	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1870		25.0	 r	mg/Kg			05/17/24 12:35	5

Lab Sample ID: 880-43566-31 Client Sample ID: SW-1 (1.5') Date Collected: 05/15/24 00:00 **Matrix: Solid** Date Received: 05/16/24 16:50

Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC)					
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/17/24 08:14	05/17/24 18:31	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/17/24 08:14	05/17/24 18:31	1

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-43566-31 Date Collected: 05/15/24 00:00

Matrix: Solid

Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:14	05/17/24 18:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/17/24 08:14	05/17/24 18:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:14	05/17/24 18:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/17/24 08:14	05/17/24 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				05/17/24 08:14	05/17/24 18:31	1
1,4-Difluorobenzene (Surr)	105		70 - 130				05/17/24 08:14	05/17/24 18:31	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/17/24 18:31	1
Method: SW846 8015 NM - Diese Analyte Total TPH		Qualifier	RL 49.6	MDL	Unit mg/Kg	D	Prepared	Analyzed 05/17/24 15:37	Dil Fac
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Analyte Gasoline Range Organics	• •	Qualifier	• •	MDL	Unit mg/Kg	<u>D</u>	Prepared 05/17/24 08:29	Analyzed 05/17/24 15:37	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U	RL	MDL		<u>D</u>	<u>.</u>		1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.6	Qualifier U U *1	RL 49.6	MDL	mg/Kg	<u>D</u>	05/17/24 08:29	05/17/24 15:37	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.6	Qualifier U U*1	49.6 49.6	MDL	mg/Kg	<u>D</u>	05/17/24 08:29 05/17/24 08:29	05/17/24 15:37 05/17/24 15:37	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	Result <49.6 <49.6 <49.6 <49.6	Qualifier U U*1 U	49.6 49.6	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	05/17/24 08:29 05/17/24 08:29 05/17/24 08:29	05/17/24 15:37 05/17/24 15:37 05/17/24 15:37	1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate	Result <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49	Qualifier U U*1 U	49.6 49.6 49.6 49.6	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29	05/17/24 15:37 05/17/24 15:37 05/17/24 15:37 05/17/24 15:37	1 1 1 Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49.6 <49	Qualifier U U*1 U	RL 49.6 49.6 49.6 49.6 <i>Limits</i>	MDL	mg/Kg mg/Kg mg/Kg	<u> </u>	05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 Prepared	05/17/24 15:37 05/17/24 15:37 05/17/24 15:37 05/17/24 15:37 Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	Result	Qualifier U *1 U Qualifier	RL 49.6 49.6 49.6 49.6 Limits 70 - 130 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 Prepared 05/17/24 08:29	05/17/24 15:37 05/17/24 15:37 05/17/24 15:37 05/17/24 15:37 Analyzed 05/17/24 15:37	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U *1 U Qualifier	RL 49.6 49.6 49.6 49.6 Limits 70 - 130 70 - 130	MDL	mg/Kg mg/Kg mg/Kg mg/Kg	<u>D</u>	05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 Prepared 05/17/24 08:29	05/17/24 15:37 05/17/24 15:37 05/17/24 15:37 05/17/24 15:37 Analyzed 05/17/24 15:37	Dil Fac

Client Sample ID: SW-2 (1.5') Lab Sample ID: 880-43566-32 Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 18:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 18:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 18:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/17/24 08:14	05/17/24 18:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 18:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/17/24 08:14	05/17/24 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				05/17/24 08:14	05/17/24 18:51	1
1,4-Difluorobenzene (Surr)	104		70 - 130				05/17/24 08:14	05/17/24 18:51	1

Eurofins Midland

Released to Imaging: 8/20/2024 3:08:55 PM

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-43566-1

SDG: Lea Co. NM

Client Sample ID: SW-2 (1.5') Lab Sample ID: 880-43566-32 Date Collected: 05/15/24 00:00

Matrix: Solid

Date Received: 05/16/24 16:50

Method: TAL SOP Total BTEX - Tot	al BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/17/24 18:51	1
_									

Method: SW846 8015 NM - Diesel F	Range Organi	ics (DRO) ((GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/17/24 15:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		05/17/24 08:29	05/17/24 15:57	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U *1	49.7		mg/Kg		05/17/24 08:29	05/17/24 15:57	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/17/24 08:29	05/17/24 15:57	1
Total TPH	<49.7	U	49.7		mg/Kg		05/17/24 08:29	05/17/24 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

ourroguic	whiceovery qualifier	Liiiit	•	repared	Analyzea	Dii i uc
1-Chlorooctane	97	70 - 130	05/	/17/24 08:29	05/17/24 15:57	1
o-Terphenyl	105	70 - 130	05/	/17/24 08:29	05/17/24 15:57	1
Г., .,						

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	225		5.03		mg/Kg			05/17/24 12:57	1

Client Sample ID: SW-3 (1.5') Lab Sample ID: 880-43566-33 Date Collected: 05/15/24 00:00 **Matrix: Solid** Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 19:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 19:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 19:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/17/24 08:14	05/17/24 19:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 19:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/17/24 08:14	05/17/24 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				05/17/24 08:14	05/17/24 19:12	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/17/24 08:14	05/17/24 19:12	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/17/24 19:12	1
- Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/17/24 16:17	

Eurofins Midland

Analyzed

05/17/24 16:17

RL

49.7

MDL Unit

mg/Kg

Prepared

05/17/24 08:29

Dil Fac

Analyte

(GRO)-C6-C10

Gasoline Range Organics

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

Result Qualifier

<49.7 U

Client: Carmona Resources Project/Site: Paduca Main

Lab Sample ID: 880-43566-33

Matrix: Solid

Client Sample ID: SW-3 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.7	U *1	49.7		mg/Kg		05/17/24 08:29	05/17/24 16:17	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/17/24 08:29	05/17/24 16:17	1
Total TPH	<49.7	U	49.7		mg/Kg		05/17/24 08:29	05/17/24 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/17/24 08:29	05/17/24 16:17	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	243	4.99	mg/Kg			05/17/24 13:02	1

70 - 130

Client Sample ID: SW-4 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

o-Terphenyl

Lab Sample ID: 880-43566-34

05/17/24 08:29

Matrix: Solid

05/17/24 16:17

	Method: SW846 8021B	- Volatile	Organic Compounds	(GC)
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Method: SW846 8021B - Vol	atile Organic Comp	ounds (GC))						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:14	05/17/24 19:32	1
Toluene	< 0.00199	U	0.00199		mg/Kg		05/17/24 08:14	05/17/24 19:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/17/24 08:14	05/17/24 19:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/17/24 08:14	05/17/24 19:32	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		05/17/24 08:14	05/17/24 19:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/17/24 08:14	05/17/24 19:32	1
Surrogato	% Pocovory	Qualifier	Limite				Propared	Analyzod	Dil Eac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	05/17/24 08:14	05/17/24 19:32	1
1,4-Difluorobenzene (Surr)	107		70 - 130	05/17/24 08:14	05/17/24 19:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			05/17/24 19:32	1

Method: SW846 8015 NM - Diesel F	Range Organ	ics (DRO) (0	3C)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/17/24 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 16:38	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U *1	50.0		mg/Kg		05/17/24 08:29	05/17/24 16:38	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 16:38	1
Total TPH	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 16:38	1
					0 0				

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	05/17/24 08:29	05/17/24 16:38	1
o-Terphenyl	97		70 - 130	05/17/24 08:29	05/17/24 16:38	1

Client: Carmona Resources Project/Site: Paduca Main

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-43566-34

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
l	Chloride	177		4.97		mg/Kg			05/17/24 13:19	1

Client Sample ID: SW-5 (1.5') Lab Sample ID: 880-43566-35 Date Collected: 05/15/24 00:00 Matrix: Solid

Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:14	05/17/24 19:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:14	05/17/24 19:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:14	05/17/24 19:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/17/24 08:14	05/17/24 19:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/17/24 08:14	05/17/24 19:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/17/24 08:14	05/17/24 19:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				05/17/24 08:14	05/17/24 19:52	1
1,4-Difluorobenzene (Surr)	110		70 - 130				05/17/24 08:14	05/17/24 19:52	1

l	Method: TAL SOP Total BTEX - Total	BTEX Cal	culation						
l	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00396	U	0.00396	mg/Kg			05/17/24 19:52	1

Method: SW846 8015 NM - Diesel R	lange Organics	s (DRO) (GC)					
Analyte	Result Q	ualifier RL	MDL U	Unit D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	n	mg/Kg		05/17/24 16:58	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 16:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		05/17/24 08:29	05/17/24 16:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 16:58	1
Total TPH	<50.0	U	50.0		mg/Kg		05/17/24 08:29	05/17/24 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

1-Chlorooctane	89	70 - 130	05/17/24 08:29	05/17/24 16:58	1
o-Terphenyl	94	70 - 130	05/17/24 08:29	05/17/24 16:58	1
<u> </u>					

Method: EPA 300.0 - Anions, ion Ci								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116	5.02		mg/Kg			05/17/24 13:24	1

Client Sample ID: SW-6 (1.5') Lab Sample ID: 880-43566-36 Date Collected: 05/15/24 00:00 **Matrix: Solid** Date Received: 05/16/24 16:50

Method: SW846 8021B - Volatile Organic Compounds (GC)									
	Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0.00200	mg/Kg		05/17/24 08:14	05/17/24 20:13	1
	Toluene	<0.00200	U	0.00200	mg/Kg		05/17/24 08:14	05/17/24 20:13	1

Client: Carmona Resources

Job ID: 880-43566-1

Project/Site: Paduca Main SDG: Lea Co. NM Client Sample ID: SW-6 (1.5') Lab Sample ID: 880-43566-36

Date Collected: 05/15/24 00:00 Matrix: Solid Date Received: 05/16/24 16:50

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 20:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/17/24 08:14	05/17/24 20:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 20:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/17/24 08:14	05/17/24 20:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				05/17/24 08:14	05/17/24 20:13	1
1,4-Difluorobenzene (Surr)	107		70 - 130				05/17/24 08:14	05/17/24 20:13	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte	Result	ics (DRO) (RL	MDL	mg/Kg	<u>D</u>	Prepared	05/17/24 20:13 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese	Range Organ Result <49.9	ics (DRO) (Qualifier	GC) RL 49.9	MDL		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <49.9 sel Range Organ	ics (DRO) (Qualifier	GC) RL 49.9		Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ Result <49.9 sel Range Organ	Qualifier Unics (DRO) Qualifier	GC) RL 49.9		Unit mg/Kg		<u> </u>	Analyzed 05/17/24 17:18	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	el Range Organ Result <49.9 sel Range Orga Result	Qualifier U nics (DRO) Qualifier U U	GC) RL 49.9 (GC) RL		Unit mg/Kg		Prepared	Analyzed 05/17/24 17:18 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 49.9 sel Range Orga Result <49.9	Qualifier U nics (DRO) Qualifier U U	GC) RL 49.9 (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 05/17/24 08:29	Analyzed 05/17/24 17:18 Analyzed 05/17/24 17:18	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result 49.9 sel Range Orga Result <49.9	cics (DRO) (Qualifier U nics (DRO) Qualifier U U *1	GC) RL 49.9 (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 05/17/24 08:29	Analyzed 05/17/24 17:18 Analyzed 05/17/24 17:18	Dil Fac Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result 49.9 sel Range Orga Result 49.9 49.9	Company (Company) (Company	GC) RL 49.9 (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 05/17/24 08:29 05/17/24 08:29	Analyzed 05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18	Dil Fac Dil Fac 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	el Range Organ Result Result 49.9 Sel Range Orga Result Result 49.9 449.9 449.9 449.9 449.9	Control (Con	GC) RL 49.9 (GC) RL 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29	Analyzed 05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18	Dil Fac 1 1 1
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	sel Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9 <49.9	Control (Con	GC) RL 49.9 (GC) RL 49.9 49.9 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29 05/17/24 08:29	Analyzed 05/17/24 17:18 Analyzed 05/17/24 17:18 05/17/24 17:18 05/17/24 17:18	Dil Fac Dil Fac 1 1 1

5.05 Client Sample ID: SW-7 (1.5') Lab Sample ID: 880-43566-37 Date Collected: 05/15/24 00:00 **Matrix: Solid**

RL

MDL Unit

mg/Kg

D

Prepared

Analyzed

05/17/24 13:30

Dil Fac

Result Qualifier

115

Date Received: 05/16/24 16:50

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:14	05/17/24 20:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:14	05/17/24 20:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:14	05/17/24 20:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/17/24 08:14	05/17/24 20:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/17/24 08:14	05/17/24 20:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/17/24 08:14	05/17/24 20:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				05/17/24 08:14	05/17/24 20:33	1
1,4-Difluorobenzene (Surr)	101		70 ₋ 130				05/17/24 08:14	05/17/24 20:33	1

Client Sample ID: SW-7 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-43566-37

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/17/24 20:33	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/17/24 17:39	1
- Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/17/24 08:29	05/17/24 17:39	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U *1	49.9		mg/Kg		05/17/24 08:29	05/17/24 17:39	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/17/24 08:29	05/17/24 17:39	1
Total TPH	<49.9	U	49.9		mg/Kg		05/17/24 08:29	05/17/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				05/17/24 08:29	05/17/24 17:39	1
o-Terphenyl	92		70 - 130				05/17/24 08:29	05/17/24 17:39	1
Method: EPA 300.0 - Anions, Ion	Chromatogran	hy - Solubl	a						
Analyte	• •	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac

5.03 Client Sample ID: SW-8 (1.5') Lab Sample ID: 880-43566-38

mg/Kg

MDL Unit

mg/Kg

Prepared

05/17/24 08:29

123

Result Qualifier

<49.8 U

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Chloride

Analyte

(GRO)-C6-C10

Gasoline Range Organics

Matrix: Solid

05/17/24 13:35

Method: SW846 8021B - Volati Analyte	•	Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201		0.00201		mg/Kg	— <u> </u>	05/17/24 08:14	05/17/24 20:54	
Toluene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:14	05/17/24 20:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:14	05/17/24 20:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/17/24 08:14	05/17/24 20:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/17/24 08:14	05/17/24 20:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/17/24 08:14	05/17/24 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				05/17/24 08:14	05/17/24 20:54	
1,4-Difluorobenzene (Surr)	105		70 - 130				05/17/24 08:14	05/17/24 20:54	1
- Method: TAL SOP Total BTEX	- Total BTEX Cal	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/17/24 20:54	1
- Method: SW846 8015 NM - Die	sel Range Organ	ics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/17/24 17:59	1

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Analyzed

05/17/24 17:59

RL

49.8

Dil Fac

o-Terphenyl

Client Sample Results

Client: Carmona Resources

Job ID: 880-43566-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: SW-8 (1.5')

Lab Sample ID: 880-43566-38

104

Matrix: Solid

05/17/24 17:59

05/17/24 08:29

Date Collected: 05/15/24 00:00
Date Received: 05/16/24 16:50

Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO) (GC) (Continue	ed)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		05/17/24 08:29	05/17/24 17:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/17/24 08:29	05/17/24 17:59	1
Total TPH	<49.8	U	49.8		mg/Kg		05/17/24 08:29	05/17/24 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				05/17/24 08:29	05/17/24 17:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	t Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112	4	.95		mg/Kg			05/17/24 13:40	1

70 - 130

7

8

10

11

12

14

Surrogate Summary

Client: Carmona Resources

Job ID: 880-43566-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

Matrix: Solid				Prep Type: Total/NA
_				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-43566-1	CS-1 (1.5')	118	92	
880-43566-1 MS	CS-1 (1.5')	122	97	
880-43566-1 MSD	CS-1 (1.5')	116	96	
880-43566-2	CS-2 (1.5')	117	92	
880-43566-3	CS-3 (1.5')	118	88	
880-43566-4	CS-4 (1.5')	117	90	
880-43566-5	CS-5 (1.5')	118	90	
880-43566-6	CS-6 (1.5')	118	90	
880-43566-7	CS-7 (1.5')	117	90	
880-43566-8	CS-8 (1.5')	117	90	
880-43566-9	CS-9 (1.5')	118	90	
880-43566-10	CS-10 (1.5')	118	91	
880-43566-11	CS-11 (1.5')	121	92	
880-43566-12	CS-12 (1.5')	126	92	
880-43566-13	CS-13 (1.5')	116	91	
880-43566-14	CS-14 (1.5')	117	90	
880-43566-15	CS-15 (1.5')	119	91	
880-43566-16	CS-16 (1.5')	120	93	
880-43566-17	CS-17 (1.5')	121	92	
880-43566-18	CS-18 (1.5')	118	92	
880-43566-19	CS-19 (1.5')	120	92	
880-43566-20	CS-20 (1.5')	120	92	
880-43566-21	CS-21 (1.5')	87	93	
880-43566-21 MS	CS-21 (1.5')	97	93	
880-43566-21 MSD	CS-21 (1.5')	109	103	
880-43566-22	CS-22 (1.5')	84	92	
880-43566-23	CS-23 (1.5')	86	91	
880-43566-24	CS-24 (1.5')	87	91	
880-43566-25	CS-25 (1.5')	88	90	
880-43566-26	CS-26 (1.5')	88	90	
880-43566-27	CS-27 (1.5')	90	87	
880-43566-28	CS-28 (1.5')	91	90	
880-43566-29	CS-29 (1.5')	90	91	
880-43566-30	CS-30 (1.5')	89	91	
880-43566-31	SW-1 (1.5')	121	105	
880-43566-32	SW-2 (1.5')	122	104	
880-43566-33	SW-3 (1.5')	145 S1+	108	
880-43566-34	SW-4 (1.5')	134 S1+	107	
880-43566-35	SW-5 (1.5')	136 S1+	110	
880-43566-36	SW-6 (1.5')	141 S1+	107	
880-43566-37	SW-7 (1.5')	126	101	
880-43566-38	SW-8 (1.5')	132 S1+	105	
890-6666-A-1-A MS	Matrix Spike	97	89	
890-6666-A-1-B MSD	Matrix Spike Duplicate	178 S1+	127	
LCS 880-80935/1-A	Lab Control Sample	106	100	
LCS 880-80943/1-A	Lab Control Sample	116	102	
LCS 880-80946/1-A	Lab Control Sample	111	105	
LCSD 880-80935/2-A	Lab Control Sample Dup	111	101	
LCSD 880-80943/2-A	Lab Control Sample Dup	116	103	
	Las Control Cample Dup	110	100	

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9

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12

Surrogate Summary

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

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

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
LCSD 880-80946/2-A	Lab Control Sample Dup	114	102	
MB 880-80935/5-A	Method Blank	163 S1+	107	
MB 880-80943/5-A	Method Blank	118	89	
MB 880-80946/5-A	Method Blank	82	95	
Surrogate Legend				
BFB = 4-Bromofluorobe	enzene (Surr)			
DFBZ = 1,4-Difluoroben	nzene (Surr)			

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

-				Develope Curve and a Decease of Accompany (Accompany)
		1CO1	ОТРН1	Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-43566-1	CS-1 (1.5')	96	100	. ——— ——— ——— ——— ———
880-43566-1 MS	CS-1 (1.5')	97	88	
880-43566-1 MSD	CS-1 (1.5')	100	91	
880-43566-2	CS-2 (1.5')	105	110	
880-43566-3	CS-3 (1.5')	86	89	
880-43566-4	CS-4 (1.5')	3 S1-	0.2 S1-	
880-43566-5	CS-5 (1.5')	112	115	
880-43566-6	·	109	112	
880-43566-7	CS-6 (1.5')	89	92	
	CS-7 (1.5')	76	79	
880-43566-8	CS-8 (1.5')	76 97	79 99	
880-43566-9	CS-9 (1.5')			
880-43566-10	CS-10 (1.5')	98	101	
880-43566-11	CS-11 (1.5')	94	97	
880-43566-12	CS-12 (1.5')	93	96	
880-43566-13	CS-13 (1.5')	92	97	
880-43566-14	CS-14 (1.5')	95	99	
880-43566-15	CS-15 (1.5')	93	96	
880-43566-16	CS-16 (1.5')	95	99	
880-43566-17	CS-17 (1.5')	92	96	
880-43566-18	CS-18 (1.5')	95	99	
880-43566-19	CS-19 (1.5')	97	101	
880-43566-20	CS-20 (1.5')	104	108	
880-43566-21	CS-21 (1.5')	109	122	
880-43566-21 MS	CS-21 (1.5')	93	86	
880-43566-21 MSD	CS-21 (1.5')	89	83	
880-43566-22	CS-22 (1.5')	101	106	
880-43566-23	CS-23 (1.5')	60 S1-	60 S1-	
880-43566-24	CS-24 (1.5')	3 S1-	0.6 S1-	
880-43566-25	CS-25 (1.5')	2 S1-	0.3 S1-	
880-43566-26	CS-26 (1.5')	46 S1-	46 S1-	
880-43566-27	CS-27 (1.5')	77	79	
880-43566-28	CS-28 (1.5')	92	95	
880-43566-29	CS-29 (1.5')	83	84	
880-43566-30	CS-30 (1.5')	86	87	
880-43566-31	SW-1 (1.5')	90	97	
880-43566-32	SW-2 (1.5')	97	105	

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Released to Imaging: 8/20/2024 3:08:55 PM

Surrogate Summary

Client: Carmona Resources

Job ID: 880-43566-1

Project/Site: Paduca Main

SDG: Lea Co. NM

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)	
880-43566-33	SW-3 (1.5')	92	99	
880-43566-34	SW-4 (1.5')	90	97	
880-43566-35	SW-5 (1.5')	89	94	
880-43566-36	SW-6 (1.5')	81	88	
880-43566-37	SW-7 (1.5')	86	92	
880-43566-38	SW-8 (1.5')	100	104	
LCS 880-80938/2-A	Lab Control Sample	106	92	
LCS 880-80940/2-A	Lab Control Sample	108	100	
LCSD 880-80938/3-A	Lab Control Sample Dup	106	90	
LCSD 880-80940/3-A	Lab Control Sample Dup	89	85	
MB 880-80938/1-A	Method Blank	94	105	
WID 000-00300/ 1-/ (Method Blank	96	100	

OTPH = o-Terphenyl

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-43566-1

SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-80935/5-A

Matrix: Solid

Analysis Batch: 80855

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 80935

	мв	мв							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 12:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 12:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 12:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/17/24 08:14	05/17/24 12:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:14	05/17/24 12:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/17/24 08:14	05/17/24 12:46	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	05/17/24 08:14	05/17/24 12:46	1
1,4-Difluorobenzene (Surr)	107		70 - 130	05/17/24 08:14	05/17/24 12:46	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 80935

Matrix: Solid Analysis Batch: 80855

Lab Sample ID: LCS 880-80935/1-A

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1061 mg/Kg 106 70 - 130 Toluene 0.100 0.09517 mg/Kg 95 70 - 130 0.100 Ethylbenzene 0.1096 mg/Kg 110 70 - 130 0.200 0.2208 110 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.09630 70 - 130 o-Xylene mg/Kg 96

LCS LCS

Surrogate	%Recovery Qua	lifier Limits
4-Bromofluorobenzene (Surr)	106	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 80855

Lab Sample ID: LCSD 880-80935/2-A

Prep Type: Total/NA Prep Batch: 80935

	Бріке	LCSD	LC2D				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1224		mg/Kg		122	70 - 130	14	35	
Toluene	0.100	0.1082		mg/Kg		108	70 - 130	13	35	
Ethylbenzene	0.100	0.1234		mg/Kg		123	70 - 130	12	35	
m-Xylene & p-Xylene	0.200	0.2544		mg/Kg		127	70 - 130	14	35	
o-Xylene	0.100	0.1113		mg/Kg		111	70 - 130	14	35	

LCSD LCSD

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

Lab Sample ID: 890-6666-A-1-A MS

Matrix: Solid

Analysis Batch: 80855

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

Prep Batch: 80935

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.00796		0.0996	0.1001		mg/Kg		93	70 - 130	
Toluene	0.0280		0.0996	0.1164		mg/Kg		89	70 - 130	

Lab Sample ID: 890-6666-A-1-A MS

Matrix: Solid

Analysis Batch: 80855

Client: Carmona Resources Project/Site: Paduca Main

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

Sample Sample

Job ID: 880-43566-1 SDG: Lea Co. NM

Client Sample ID: Matrix Spike

Prep Type: Total/NA

		riop typer retaining
		Prep Batch: 80935
		%Rec
١	%Rec	Limits

Client Sample ID: Method Blank

Analyte Result Qualifier Added Result Qualifier Unit Ethylbenzene 0.00411 0.0996 0.07510 71 70 - 130 mg/Kg m-Xylene & p-Xylene 0.0395 F2 F1 0.199 0.2433 mg/Kg 102 70 - 130 0.0122 F2 F1 0.0996 0.09315 81 70 - 130 o-Xylene mg/Kg

Spike

MS MS

MS MS

%Recovery Surrogate Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 97 1,4-Difluorobenzene (Surr) 89 70 - 130

Lab Sample ID: 890-6666-A-1-B MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 80855

Prep Batch: 80935 Sample Sample Spike MSD MSD RPD Qualifier %Rec RPD Limit Analyte babbA Result Qualifier Limits Result Unit Benzene 0.00796 0.101 0.1302 mg/Kg 121 70 - 130 26 35 Toluene 0.0280 0.101 0.1050 mg/Kg 76 70 - 130 10 35 Ethylbenzene 0.00411 0.101 0.09105 86 70 - 130 19 35 mg/Kg m-Xylene & p-Xylene 0.0395 F2 F1 0.202 0.3996 F1 F2 mg/Kg 179 70 - 130 49 35 0.0122 F2 F1 0.101 0.1628 F1 F2 70 - 130 o-Xylene mg/Kg 149 54

MSD MSD Surrogate Qualifier Limits %Recovery 70 - 130 4-Bromofluorobenzene (Surr) 178 70 - 130 1,4-Difluorobenzene (Surr) 127

Lab Sample ID: MB 880-80943/5-A

Matrix: Solid Prep Type: Total/NA Analysis Batch: 80944 Prep Batch: 80943 MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 11:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/17/24 08:32	05/17/24 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:32	05/17/24 11:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/17/24 08:32	05/17/24 11:36	1

	МВ	МВ				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	05/17/24 08:32	05/17/24 11:36	1
1.4-Difluorobenzene (Surr)	89		70 - 130	05/17/24 08:32	05/17/24 11:36	1

Lab Sample ID: LCS 880-80943/1-A **Client Sample ID: Lab Control Sample Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 80944

LCS LCS Spike %Rec Analyte Added Qualifier Result Unit %Rec Limits Benzene 0.100 0.1215 mg/Kg 121 70 - 130Toluene 0.100 0.1170 mg/Kg 117 70 - 130 Ethylbenzene 0.100 0.1142 mg/Kg 114 70 - 130 m-Xylene & p-Xylene 0.200 0.2372 mg/Kg 119 70 - 130

Eurofins Midland

Prep Batch: 80943

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Client: Carmona Resources
Project/Site: Paduca Main

Job ID: 880-43566-1 SDG: Lea Co. NM

3

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

Lab Sample ID: LCS 880-80943/1-A

Matrix: Solid

Analysis Batch: 80944

Spike

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80943

%Rec

	Бріке	LUS	LCS			%Rec	
Analyte	Added	Result	Qualifier Un	nit D	%Rec	Limits	
o-Xylene	 0.100	0.1178		g/Kg	118	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-80943/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid
Analysis Batch: 80944
Prep Batch: 80943

Spike	LCSD	LCSD				%Rec		RPD
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
0.100	0.1327	*+	mg/Kg		133	70 - 130	9	35
0.100	0.1281		mg/Kg		128	70 - 130	9	35
0.100	0.1253		mg/Kg		125	70 - 130	9	35
0.200	0.2595		mg/Kg		130	70 - 130	9	35
0.100	0.1286		mg/Kg		129	70 - 130	9	35
	Added 0.100 0.100 0.100 0.100 0.200	Added Result 0.100 0.1327 0.100 0.1281 0.100 0.1253 0.200 0.2595	Added Result Qualifier 0.100 0.1327 *+ 0.100 0.1281 *+ 0.100 0.1253 0.200 0.2595	Added Result Qualifier Unit 0.100 0.1327 *+ mg/Kg 0.100 0.1281 mg/Kg 0.100 0.1253 mg/Kg 0.200 0.2595 mg/Kg	Added Result Qualifier Unit D 0.100 0.1327 *+ mg/Kg 0.100 0.1281 mg/Kg 0.100 0.1253 mg/Kg 0.200 0.2595 mg/Kg	Added Result Qualifier Unit D %Rec 0.100 0.1327 *+ mg/Kg 133 0.100 0.1281 mg/Kg 128 0.100 0.1253 mg/Kg 125 0.200 0.2595 mg/Kg 130	Added Result Qualifier Unit D %Rec Limits 0.100 0.1327 *+ mg/Kg 133 70 - 130 0.100 0.1281 mg/Kg 128 70 - 130 0.100 0.1253 mg/Kg 125 70 - 130 0.200 0.2595 mg/Kg 130 70 - 130	Added Result Qualifier Unit D %Rec Limits RPD 0.100 0.1327 *+ mg/Kg 133 70 - 130 9 0.100 0.1281 mg/Kg 128 70 - 130 9 0.100 0.1253 mg/Kg 125 70 - 130 9 0.200 0.2595 mg/Kg 130 70 - 130 9

								-
m-Xylene & p-Xylene			0.200	0.2595	mg/Kg	130	70 - 130	9
o-Xylene			0.100	0.1286	mg/Kg	129	70 - 130	9
	LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)			70 - 130					

1,4-Difluorobenzene (Surr) 103 70 - 130

Lab Sample ID: 880-43566-1 MS Client Sample ID: CS-1 (1.5')

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 80944 Prep Batch: 80943

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U *+	0.0996	0.07680		mg/Kg		77	70 - 130	
Toluene	<0.00198	U	0.0996	0.07439		mg/Kg		75	70 - 130	
Ethylbenzene	<0.00198	U	0.0996	0.07527		mg/Kg		76	70 - 130	
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1547		mg/Kg		78	70 - 130	
o-Xylene	<0.00198	U	0.0996	0.08181		mg/Kg		82	70 - 130	

o-Xylene	<0.00198	U	0.0996	0.08181	mg/Kg	82	70 - 13
	MS	MS					
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	122		70 - 130				

97

70 - 130

Lab Sample ID: 880-43566-1 MSD Client Sample ID: CS-1 (1.5')

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 80944 Prep Batch: 80943

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U *+	0.101	0.08261		mg/Kg		82	70 - 130	7	35
Toluene	<0.00198	U	0.101	0.08269		mg/Kg		82	70 - 130	11	35
Ethylbenzene	<0.00198	U	0.101	0.08572		mg/Kg		85	70 - 130	13	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1740		mg/Kg		86	70 - 130	12	35
o-Xylene	<0.00198	U	0.101	0.09121		mg/Kg		90	70 - 130	11	35

Eurofins Midland

1,4-Difluorobenzene (Surr)

Job ID: 880-43566-1

SDG: Lea Co. NM

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

Lab Sample ID: 880-43566-1 MSD

Matrix: Solid

Analysis Batch: 80944

Client Sample ID: CS-1 (1.5') Prep Type: Total/NA

Prep Batch: 80943

MSD MSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 116 70 - 130 1,4-Difluorobenzene (Surr) 96 70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 80946

Lab Sample ID: MB 880-80946/5-A **Matrix: Solid**

Analysis Batch: 80950

MR MR

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 12:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 12:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 12:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/17/24 08:40	05/17/24 12:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/17/24 08:40	05/17/24 12:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/17/24 08:40	05/17/24 12:49	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82	70 - 130	05/17/24 08:40	05/17/24 12:49	1
1,4-Difluorobenzene (Surr)	95	70 - 130	05/17/24 08:40	05/17/24 12:49	1

Lab Sample ID: LCS 880-80946/1-A Client Sample ID: Lab Central Sample **Matrix: Solid**

Analysis Batch: 80950

Cheff Sample ID. Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80946

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09981	-	mg/Kg		100	70 - 130	
Toluene	0.100	0.09356		mg/Kg		94	70 - 130	
Ethylbenzene	0.100	0.1118		mg/Kg		112	70 - 130	
m-Xylene & p-Xylene	0.200	0.2291		mg/Kg		115	70 - 130	
o-Xylene	0.100	0.1103		mg/Kg		110	70 - 130	

LCS LCS

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

Lab Sample ID: LCSD 880-80946/2-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid**

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Analysis Batch: 80950						Prep Batch: 8094			
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1039		mg/Kg		104	70 - 130	4	35
Toluene	0.100	0.09799		mg/Kg		98	70 - 130	5	35
Ethylbenzene	0.100	0.1153		mg/Kg		115	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2341		mg/Kg		117	70 - 130	2	35
o-Xylene	0.100	0.1125		mg/Kg		112	70 - 130	2	35

LCSD LCSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 114 70 - 130

Eurofins Midland

Prep Type: Total/NA

Job ID: 880-43566-1 SDG: Lea Co. NM

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

Lab Sample ID: LCSD 880-80946/2-A

Matrix: Solid

Analysis Batch: 80950

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 80946

LCSD LCSD

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

Lab Sample ID: 880-43566-21 MS

Matrix: Solid

Analysis Batch: 80950

Client Sample ID: CS-21 (1.5')

Prep Type: Total/NA

Prep Batch: 80946

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0996	0.07150		mg/Kg		72	70 - 130	
Toluene	<0.00200	U F1	0.0996	0.06672	F1	mg/Kg		67	70 - 130	
Ethylbenzene	<0.00200	U	0.0996	0.07192		mg/Kg		72	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1445		mg/Kg		73	70 - 130	
o-Xylene	<0.00200	U	0.0996	0.07062		mg/Kg		71	70 - 130	

MS MS

Sample Sample

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	97	70 - 130
1,4-Difluorobenzene (Surr)	93	70 - 130

Lab Sample ID: 880-43566-21 MSD Client Sample ID: CS-21 (1.5')

MSD MSD

Matrix: Solid

Analysis Batch: 80950

Prep Type: Total/NA

Prep Batch: 80946

%Rec **RPD**

	•	•	•								
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.101	0.08914		mg/Kg		88	70 - 130	22	35
Toluene	<0.00200	U F1	0.101	0.08145		mg/Kg		81	70 - 130	20	35
Ethylbenzene	<0.00200	U	0.101	0.09097		mg/Kg		90	70 - 130	23	35
m-Xylene & p-Xylene	<0.00399	U	0.202	0.1793		mg/Kg		89	70 - 130	21	35
o-Xylene	<0.00200	U	0.101	0.08708		mg/Kg		86	70 - 130	21	35

Spike

MSD MSD

мв мв

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	109	70 - 130
1,4-Difluorobenzene (Surr)	103	70 - 130

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

Lab Sample ID: MB 880-80938/1-A

Released to Imaging: 8/20/2024 3:08:55 PM

Matrix: Solid

Analysis Batch: 80929

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

Prep Batch: 80938

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/17/24 08:22	05/17/24 08:36	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/17/24 08:22	05/17/24 08:36	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/17/24 08:22	05/17/24 08:36	1
Total TPH	<50.0	U	50.0		mg/Kg		05/17/24 08:22	05/17/24 08:36	1
	MB	MB							

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 94

Prepared Dil Fac Analyzed 05/17/24 08:22 05/17/24 08:36

Job ID: 880-43566-1

SDG: Lea Co. NM

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

Lab Sample ID: MB 880-80938/1-A **Matrix: Solid**

Analysis Batch: 80929

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 80938

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac o-Terphenyl 105 70 - 130 05/17/24 08:22 05/17/24 08:36

Lab Sample ID: LCS 880-80938/2-A

Matrix: Solid

Analysis Batch: 80929

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 80938

%Rec Limits 70 - 130

Spike LCS LCS Result Qualifier Analyte Added Unit D %Rec Gasoline Range Organics 1000 929.6 mg/Kg 93 (GRO)-C6-C10 1000 Diesel Range Organics (Over 911.5 mg/Kg 91 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	92		70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 80929

Lab Sample ID: LCSD 880-80938/3-A

Prep Type: Total/NA

Prep Batch: 80938

RPD Spike LCSD LCSD %Rec Analyte Added Result Qualifier Limit Unit %Rec Limits Gasoline Range Organics 1000 937.1 94 70 - 130 20 mg/Kg (GRO)-C6-C10 1000 899.5 70 - 130 Diesel Range Organics (Over mg/Kg 90 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-43566-1 MS

Matrix: Solid

Analysis Batch: 80929

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 80938

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	<50.0	U	1000	1094		mg/Kg		108	70 - 130
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U F1	1000	630.3	F1	mg/Kg		63	70 - 130

C10-C28)

MS MS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	88		70 - 130

Job ID: 880-43566-1

SDG: Lea Co. NM

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

Lab Sample ID: 880-43566-1 MSD

Matrix: Solid

Analysis Batch: 80929

Client Sample ID: CS-1 (1.5') Prep Type: Total/NA Prep Batch: 80938

Sample Sample Spike MSD MSD RPD Result Qualifier RPD Limit Analyte babbA Result Qualifier Unit %Rec Limits Gasoline Range Organics <50.0 U 1000 1111 mg/Kg 109 70 - 130 20 (GRO)-C6-C10 1000 Diesel Range Organics (Over <50.0 UF1 661.0 F1 mg/Kg 66 70 - 130 5 20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: MB 880-80940/1-A Client Sample ID: Method Blank

Matrix: Solid

Total TPH

Analysis Batch: 80928

мв мв

05/17/24 08:36

05/17/24 08:29

Prep Type: Total/NA

Prep Batch: 80940

MDL Unit Analyte Result Qualifier RL Prepared Analyzed Dil Fac 05/17/24 08:29 05/17/24 08:36 Gasoline Range Organics <50.0 U 50.0 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 05/17/24 08:29 05/17/24 08:36 mg/Kg C10-C28) 05/17/24 08:29 Oil Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 05/17/24 08:36

MB MB

<50.0 U

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	05/17/24 08:29	05/17/24 08:36	1
o-Terphenyl	100		70 - 130	05/17/24 08:29	05/17/24 08:36	1

50.0

Lab Sample ID: LCS 880-80940/2-A **Client Sample ID: Lab Control Sample**

Matrix: Solid

Analysis Batch: 80928

Prep Type: Total/NA Prep Batch: 80940 LCS LCS %Rec Spike

mg/Kg

Analyte Added Result Qualifier Unit D %Rec Limits 1000 1044 104 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 1109 mg/Kg 111 70 - 130

C10-C28)

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	108	70 - 130
o-Terphenyl	100	70 - 130

Lab Sample ID: LCSD 880-80940/3-A

Matrix: Solid

Analysis Batch: 80928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 80940

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	1000	884.6		mg/Kg		88	70 - 130	17	20	
(GRO)-C6-C10										
Diesel Range Organics (Over	1000	821.7	*1	mg/Kg		82	70 - 130	30	20	

C10-C28)

Job ID: 880-43566-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

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

LCSD LCSD

Lab Sample ID: LCSD 880-80940/3-A

Matrix: Solid

Analysis Batch: 80928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 80940

Surrogate %Recovery Qualifier

Limits 1-Chlorooctane 89 70 - 130 o-Terphenyl 85 70 - 130

Lab Sample ID: 880-43566-21 MS Client Sample ID: CS-21 (1.5')

Matrix: Solid

Analysis Batch: 80928

Prep Type: Total/NA Prep Batch: 80940

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <50.1 U 1000 1121 111 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U*1F1 1000 548.1 F1 mg/Kg 55 70 - 130

C10-C28)

MS MS %Recovery Surrogate Qualifier Limits 93 70 - 130 1-Chlorooctane 86 70 - 130 o-Terphenyl

Lab Sample ID: 880-43566-21 MSD

Matrix: Solid

Analysis Batch: 80928

Client Sample ID: CS-21 (1.5') Prep Type: Total/NA

Prep Batch: 80940

Sample Sample Spike MSD MSD Analyte Result Qualifier hahhA Result Qualifier Unit D %Rec Limits RPD Limit Gasoline Range Organics <50.1 U 1000 1072 mg/Kg 106 70 - 130 4 20 (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U*1F1 1000 535.2 F1 mg/Kg 54 70 - 130 2 20

C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 89 o-Terphenyl 70 - 130 83

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-80936/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 80949

MB MB Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 05/17/24 10:49

Lab Sample ID: LCS 880-80936/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 80949

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	242.2		mg/Kg		97	90 - 110	

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-80936/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 80949

Spike LCSD LCSD %Rec RPD Analyte babbA Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 235.2 mg/Kg 90 - 110

Lab Sample ID: 880-43566-1 MS Client Sample ID: CS-1 (1.5') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 80949

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	145		253	401.2		mg/Kg		101	90 - 110	

Lab Sample ID: 880-43566-1 MSD Client Sample ID: CS-1 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 80949

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	145		253	402.3		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-43566-11 MS Client Sample ID: CS-11 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 80949

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	197		253	440.7		mg/Kg	_	96	90 - 110	

Lab Sample ID: 880-43566-11 MSD Client Sample ID: CS-11 (1.5') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 80949

	Sample	Sample	Бріке	M2D	พเอบ				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	197		253	435.2		mg/Kg		94	90 - 110	1	20	

Lab Sample ID: MB 880-80937/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 80956

MB MB

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00 U	5.00	mg/Kg			05/17/24 11:08	1

Lab Sample ID: LCS 880-80937/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 80956

	Sp	ke I	.CS LCS				%Rec
Analyte	Add	ed Re	sult Qualifie	er Unit	D	%Rec	Limits
Chloride	 	50 24	6.3	mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-80937/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 80956

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	246.9		mg/Kg	_	99	90 - 110	0	20

QC Sample Results

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-43566-21 MS Client Sample ID: CS-21 (1.5') **Matrix: Solid**

Prep Type: Soluble

Analysis Batch: 80956

Sample Sample Spike MS MS %Rec Result Qualifier Analyte Added Result Qualifier Unit %Rec Limits Chloride 114 249 370.3 mg/Kg 103 90 - 110

Client Sample ID: CS-21 (1.5')

Lab Sample ID: 880-43566-21 MSD **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 80956

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added Qualifier Limits RPD Limit Analyte Result Unit D %Rec Chloride 114 249 370.8 mg/Kg 103 90 - 110 0

Lab Sample ID: 880-43566-31 MS Client Sample ID: SW-1 (1.5')

Prep Type: Soluble

Matrix: Solid

Analysis Batch: 80956

MS MS %Rec Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Chloride 258 252 508.2 90 - 110 mg/Kg

Lab Sample ID: 880-43566-31 MSD Client Sample ID: SW-1 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 80956

Spike MSD MSD RPD Sample Sample %Rec Analyte Result Qualifier Added Qualifier Unit %Rec RPD Limit Result Limits 252 Chloride 258 509.1 100 90 - 110 20 mg/Kg

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

GC VOA

Analysis Batch: 80855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-31	SW-1 (1.5')	Total/NA	Solid	8021B	80935
880-43566-32	SW-2 (1.5')	Total/NA	Solid	8021B	80935
880-43566-33	SW-3 (1.5')	Total/NA	Solid	8021B	80935
880-43566-34	SW-4 (1.5')	Total/NA	Solid	8021B	80935
880-43566-35	SW-5 (1.5')	Total/NA	Solid	8021B	80935
880-43566-36	SW-6 (1.5')	Total/NA	Solid	8021B	80935
880-43566-37	SW-7 (1.5')	Total/NA	Solid	8021B	80935
880-43566-38	SW-8 (1.5')	Total/NA	Solid	8021B	80935
MB 880-80935/5-A	Method Blank	Total/NA	Solid	8021B	80935
LCS 880-80935/1-A	Lab Control Sample	Total/NA	Solid	8021B	80935
LCSD 880-80935/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	80935
890-6666-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	80935
890-6666-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	80935

Prep Batch: 80935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-31	SW-1 (1.5')	Total/NA	Solid	5035	
880-43566-32	SW-2 (1.5')	Total/NA	Solid	5035	
880-43566-33	SW-3 (1.5')	Total/NA	Solid	5035	
880-43566-34	SW-4 (1.5')	Total/NA	Solid	5035	
880-43566-35	SW-5 (1.5')	Total/NA	Solid	5035	
880-43566-36	SW-6 (1.5')	Total/NA	Solid	5035	
880-43566-37	SW-7 (1.5')	Total/NA	Solid	5035	
880-43566-38	SW-8 (1.5')	Total/NA	Solid	5035	
MB 880-80935/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-80935/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-80935/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6666-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-6666-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 80943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-43566-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-43566-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-43566-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-43566-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-43566-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-43566-6	CS-6 (1.5')	Total/NA	Solid	5035	
880-43566-7	CS-7 (1.5')	Total/NA	Solid	5035	
880-43566-8	CS-8 (1.5')	Total/NA	Solid	5035	
880-43566-9	CS-9 (1.5')	Total/NA	Solid	5035	
880-43566-10	CS-10 (1.5')	Total/NA	Solid	5035	
880-43566-11	CS-11 (1.5')	Total/NA	Solid	5035	
880-43566-12	CS-12 (1.5')	Total/NA	Solid	5035	
880-43566-13	CS-13 (1.5')	Total/NA	Solid	5035	
880-43566-14	CS-14 (1.5')	Total/NA	Solid	5035	
880-43566-15	CS-15 (1.5')	Total/NA	Solid	5035	
880-43566-16	CS-16 (1.5')	Total/NA	Solid	5035	
880-43566-17	CS-17 (1.5')	Total/NA	Solid	5035	
380-43566-18	CS-18 (1.5')	Total/NA	Solid	5035	
880-43566-19	CS-19 (1.5')	Total/NA	Solid	5035	

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

GC VOA (Continued)

Prep Batch: 80943 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-20	CS-20 (1.5')	Total/NA	Solid	5035	
MB 880-80943/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-80943/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-80943/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-43566-1 MS	CS-1 (1.5')	Total/NA	Solid	5035	
880-43566-1 MSD	CS-1 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 80944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-1	CS-1 (1.5')	Total/NA	Solid	8021B	80943
880-43566-2	CS-2 (1.5')	Total/NA	Solid	8021B	80943
880-43566-3	CS-3 (1.5')	Total/NA	Solid	8021B	80943
880-43566-4	CS-4 (1.5')	Total/NA	Solid	8021B	80943
880-43566-5	CS-5 (1.5')	Total/NA	Solid	8021B	80943
880-43566-6	CS-6 (1.5')	Total/NA	Solid	8021B	80943
880-43566-7	CS-7 (1.5')	Total/NA	Solid	8021B	80943
880-43566-8	CS-8 (1.5')	Total/NA	Solid	8021B	80943
880-43566-9	CS-9 (1.5')	Total/NA	Solid	8021B	80943
880-43566-10	CS-10 (1.5')	Total/NA	Solid	8021B	80943
880-43566-11	CS-11 (1.5')	Total/NA	Solid	8021B	80943
880-43566-12	CS-12 (1.5')	Total/NA	Solid	8021B	80943
880-43566-13	CS-13 (1.5')	Total/NA	Solid	8021B	80943
880-43566-14	CS-14 (1.5')	Total/NA	Solid	8021B	80943
880-43566-15	CS-15 (1.5')	Total/NA	Solid	8021B	80943
880-43566-16	CS-16 (1.5')	Total/NA	Solid	8021B	80943
880-43566-17	CS-17 (1.5')	Total/NA	Solid	8021B	80943
880-43566-18	CS-18 (1.5')	Total/NA	Solid	8021B	80943
880-43566-19	CS-19 (1.5')	Total/NA	Solid	8021B	80943
880-43566-20	CS-20 (1.5')	Total/NA	Solid	8021B	80943
MB 880-80943/5-A	Method Blank	Total/NA	Solid	8021B	80943
LCS 880-80943/1-A	Lab Control Sample	Total/NA	Solid	8021B	80943
LCSD 880-80943/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	80943
880-43566-1 MS	CS-1 (1.5')	Total/NA	Solid	8021B	80943
880-43566-1 MSD	CS-1 (1.5')	Total/NA	Solid	8021B	80943

Prep Batch: 80946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-21	CS-21 (1.5')	Total/NA	Solid	5035	
880-43566-22	CS-22 (1.5')	Total/NA	Solid	5035	
880-43566-23	CS-23 (1.5')	Total/NA	Solid	5035	
880-43566-24	CS-24 (1.5')	Total/NA	Solid	5035	
880-43566-25	CS-25 (1.5')	Total/NA	Solid	5035	
880-43566-26	CS-26 (1.5')	Total/NA	Solid	5035	
880-43566-27	CS-27 (1.5')	Total/NA	Solid	5035	
880-43566-28	CS-28 (1.5')	Total/NA	Solid	5035	
880-43566-29	CS-29 (1.5')	Total/NA	Solid	5035	
880-43566-30	CS-30 (1.5')	Total/NA	Solid	5035	
MB 880-80946/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-80946/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-80946/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-43566-21 MS	CS-21 (1.5')	Total/NA	Solid	5035	

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

GC VOA (Continued)

Prep Batch: 80946 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-21 MSD	CS-21 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 80950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-21	CS-21 (1.5')	Total/NA	Solid	8021B	80946
880-43566-22	CS-22 (1.5')	Total/NA	Solid	8021B	80946
880-43566-23	CS-23 (1.5')	Total/NA	Solid	8021B	80946
880-43566-24	CS-24 (1.5')	Total/NA	Solid	8021B	80946
880-43566-25	CS-25 (1.5')	Total/NA	Solid	8021B	80946
880-43566-26	CS-26 (1.5')	Total/NA	Solid	8021B	80946
880-43566-27	CS-27 (1.5')	Total/NA	Solid	8021B	80946
880-43566-28	CS-28 (1.5')	Total/NA	Solid	8021B	80946
880-43566-29	CS-29 (1.5')	Total/NA	Solid	8021B	80946
880-43566-30	CS-30 (1.5')	Total/NA	Solid	8021B	80946
MB 880-80946/5-A	Method Blank	Total/NA	Solid	8021B	80946
LCS 880-80946/1-A	Lab Control Sample	Total/NA	Solid	8021B	80946
LCSD 880-80946/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	80946
880-43566-21 MS	CS-21 (1.5')	Total/NA	Solid	8021B	80946
880-43566-21 MSD	CS-21 (1.5')	Total/NA	Solid	8021B	80946

Analysis Batch: 81108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-43566-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-6	CS-6 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-7	CS-7 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-8	CS-8 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-9	CS-9 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-10	CS-10 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-11	CS-11 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-12	CS-12 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-13	CS-13 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-14	CS-14 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-15	CS-15 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-16	CS-16 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-17	CS-17 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-18	CS-18 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-19	CS-19 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-20	CS-20 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-21	CS-21 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-22	CS-22 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-23	CS-23 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-24	CS-24 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-25	CS-25 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-26	CS-26 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-27	CS-27 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-28	CS-28 (1.5')	Total/NA	Solid	Total BTEX	
380-43566-29	CS-29 (1.5')	Total/NA	Solid	Total BTEX	

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

GC VOA (Continued)

Analysis Batch: 81108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-30	CS-30 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-31	SW-1 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-32	SW-2 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-33	SW-3 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-34	SW-4 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-35	SW-5 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-36	SW-6 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-37	SW-7 (1.5')	Total/NA	Solid	Total BTEX	
880-43566-38	SW-8 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 80928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-21	CS-21 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-22	CS-22 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-23	CS-23 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-24	CS-24 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-25	CS-25 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-26	CS-26 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-27	CS-27 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-28	CS-28 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-29	CS-29 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-30	CS-30 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-31	SW-1 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-32	SW-2 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-33	SW-3 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-34	SW-4 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-35	SW-5 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-36	SW-6 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-37	SW-7 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-38	SW-8 (1.5')	Total/NA	Solid	8015B NM	80940
MB 880-80940/1-A	Method Blank	Total/NA	Solid	8015B NM	80940
LCS 880-80940/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	80940
LCSD 880-80940/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	80940
880-43566-21 MS	CS-21 (1.5')	Total/NA	Solid	8015B NM	80940
880-43566-21 MSD	CS-21 (1.5')	Total/NA	Solid	8015B NM	80940

Analysis Batch: 80929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-3	CS-3 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-6	CS-6 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-7	CS-7 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-8	CS-8 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-9	CS-9 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-10	CS-10 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-11	CS-11 (1.5')	Total/NA	Solid	8015B NM	80938

Client: Carmona Resources

Job ID: 880-43566-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 80929 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-12	CS-12 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-13	CS-13 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-14	CS-14 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-15	CS-15 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-16	CS-16 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-17	CS-17 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-18	CS-18 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-19	CS-19 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-20	CS-20 (1.5')	Total/NA	Solid	8015B NM	80938
MB 880-80938/1-A	Method Blank	Total/NA	Solid	8015B NM	80938
LCS 880-80938/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	80938
LCSD 880-80938/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	80938
880-43566-1 MS	CS-1 (1.5')	Total/NA	Solid	8015B NM	80938
880-43566-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015B NM	80938

Prep Batch: 80938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-43566-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-3	CS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-6	CS-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-7	CS-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-8	CS-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-9	CS-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-10	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-11	CS-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-12	CS-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-13	CS-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-14	CS-14 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-15	CS-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-16	CS-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-17	CS-17 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-18	CS-18 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-19	CS-19 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-20	CS-20 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-80938/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-80938/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-80938/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-43566-1 MS	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 80940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-21	CS-21 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-22	CS-22 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-23	CS-23 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-24	CS-24 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-25	CS-25 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-26	CS-26 (1.5')	Total/NA	Solid	8015NM Prep	

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Client: Carmona Resources

Job ID: 880-43566-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA (Continued)

Prep Batch: 80940 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-27	CS-27 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-28	CS-28 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-29	CS-29 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-30	CS-30 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-31	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-32	SW-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-33	SW-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-34	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-35	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-36	SW-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-37	SW-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-38	SW-8 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-80940/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-80940/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-80940/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-43566-21 MS	CS-21 (1.5')	Total/NA	Solid	8015NM Prep	
880-43566-21 MSD	CS-21 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 81103

Released to Imaging: 8/20/2024 3:08:55 PM

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-43566-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	_
880-43566-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-43566-3	CS-3 (1.5')	Total/NA	Solid	8015 NM	
880-43566-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-43566-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-43566-6	CS-6 (1.5')	Total/NA	Solid	8015 NM	
880-43566-7	CS-7 (1.5')	Total/NA	Solid	8015 NM	
880-43566-8	CS-8 (1.5')	Total/NA	Solid	8015 NM	
880-43566-9	CS-9 (1.5')	Total/NA	Solid	8015 NM	
880-43566-10	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-43566-11	CS-11 (1.5')	Total/NA	Solid	8015 NM	
880-43566-12	CS-12 (1.5')	Total/NA	Solid	8015 NM	
880-43566-13	CS-13 (1.5')	Total/NA	Solid	8015 NM	
880-43566-14	CS-14 (1.5')	Total/NA	Solid	8015 NM	
880-43566-15	CS-15 (1.5')	Total/NA	Solid	8015 NM	
880-43566-16	CS-16 (1.5')	Total/NA	Solid	8015 NM	
880-43566-17	CS-17 (1.5')	Total/NA	Solid	8015 NM	
880-43566-18	CS-18 (1.5')	Total/NA	Solid	8015 NM	
880-43566-19	CS-19 (1.5')	Total/NA	Solid	8015 NM	
880-43566-20	CS-20 (1.5')	Total/NA	Solid	8015 NM	
880-43566-21	CS-21 (1.5')	Total/NA	Solid	8015 NM	
880-43566-22	CS-22 (1.5')	Total/NA	Solid	8015 NM	
880-43566-23	CS-23 (1.5')	Total/NA	Solid	8015 NM	
880-43566-24	CS-24 (1.5')	Total/NA	Solid	8015 NM	
880-43566-25	CS-25 (1.5')	Total/NA	Solid	8015 NM	
880-43566-26	CS-26 (1.5')	Total/NA	Solid	8015 NM	
880-43566-27	CS-27 (1.5')	Total/NA	Solid	8015 NM	
880-43566-28	CS-28 (1.5')	Total/NA	Solid	8015 NM	
880-43566-29	CS-29 (1.5')	Total/NA	Solid	8015 NM	
880-43566-30	CS-30 (1.5')	Total/NA	Solid	8015 NM	
880-43566-31	SW-1 (1.5')	Total/NA	Solid	8015 NM	

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Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 81103 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-32	SW-2 (1.5')	Total/NA	Solid	8015 NM	
880-43566-33	SW-3 (1.5')	Total/NA	Solid	8015 NM	
880-43566-34	SW-4 (1.5')	Total/NA	Solid	8015 NM	
880-43566-35	SW-5 (1.5')	Total/NA	Solid	8015 NM	
880-43566-36	SW-6 (1.5')	Total/NA	Solid	8015 NM	
880-43566-37	SW-7 (1.5')	Total/NA	Solid	8015 NM	
880-43566-38	SW-8 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 80936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
880-43566-1	CS-1 (1.5')	Soluble	Solid	DI Leach	_
880-43566-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-43566-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-43566-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
880-43566-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-43566-6	CS-6 (1.5')	Soluble	Solid	DI Leach	
880-43566-7	CS-7 (1.5')	Soluble	Solid	DI Leach	
880-43566-8	CS-8 (1.5')	Soluble	Solid	DI Leach	
880-43566-9	CS-9 (1.5')	Soluble	Solid	DI Leach	
880-43566-10	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-43566-11	CS-11 (1.5')	Soluble	Solid	DI Leach	
880-43566-12	CS-12 (1.5')	Soluble	Solid	DI Leach	
880-43566-13	CS-13 (1.5')	Soluble	Solid	DI Leach	
880-43566-14	CS-14 (1.5')	Soluble	Solid	DI Leach	
880-43566-15	CS-15 (1.5')	Soluble	Solid	DI Leach	
880-43566-16	CS-16 (1.5')	Soluble	Solid	DI Leach	
880-43566-17	CS-17 (1.5')	Soluble	Solid	DI Leach	
880-43566-18	CS-18 (1.5')	Soluble	Solid	DI Leach	
880-43566-19	CS-19 (1.5')	Soluble	Solid	DI Leach	
880-43566-20	CS-20 (1.5')	Soluble	Solid	DI Leach	
MB 880-80936/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-80936/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-80936/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-43566-1 MS	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-43566-1 MSD	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-43566-11 MS	CS-11 (1.5')	Soluble	Solid	DI Leach	
880-43566-11 MSD	CS-11 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 80937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-21	CS-21 (1.5')	Soluble	Solid	DI Leach	_
880-43566-22	CS-22 (1.5')	Soluble	Solid	DI Leach	
880-43566-23	CS-23 (1.5')	Soluble	Solid	DI Leach	
880-43566-24	CS-24 (1.5')	Soluble	Solid	DI Leach	
880-43566-25	CS-25 (1.5')	Soluble	Solid	DI Leach	
880-43566-26	CS-26 (1.5')	Soluble	Solid	DI Leach	
880-43566-27	CS-27 (1.5')	Soluble	Solid	DI Leach	
880-43566-28	CS-28 (1.5')	Soluble	Solid	DI Leach	
880-43566-29	CS-29 (1.5')	Soluble	Solid	DI Leach	

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

HPLC/IC (Continued)

Leach Batch: 80937 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-30	CS-30 (1.5')	Soluble	Solid	DI Leach	
880-43566-31	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-43566-32	SW-2 (1.5')	Soluble	Solid	DI Leach	
880-43566-33	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-43566-34	SW-4 (1.5')	Soluble	Solid	DI Leach	
880-43566-35	SW-5 (1.5')	Soluble	Solid	DI Leach	
880-43566-36	SW-6 (1.5')	Soluble	Solid	DI Leach	
880-43566-37	SW-7 (1.5')	Soluble	Solid	DI Leach	
880-43566-38	SW-8 (1.5')	Soluble	Solid	DI Leach	
MB 880-80937/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-80937/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-80937/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-43566-21 MS	CS-21 (1.5')	Soluble	Solid	DI Leach	
880-43566-21 MSD	CS-21 (1.5')	Soluble	Solid	DI Leach	
880-43566-31 MS	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-43566-31 MSD	SW-1 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 80949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-1	CS-1 (1.5')	Soluble	Solid	300.0	80936
880-43566-2	CS-2 (1.5')	Soluble	Solid	300.0	80936
880-43566-3	CS-3 (1.5')	Soluble	Solid	300.0	80936
880-43566-4	CS-4 (1.5')	Soluble	Solid	300.0	80936
880-43566-5	CS-5 (1.5')	Soluble	Solid	300.0	80936
880-43566-6	CS-6 (1.5')	Soluble	Solid	300.0	80936
880-43566-7	CS-7 (1.5')	Soluble	Solid	300.0	80936
880-43566-8	CS-8 (1.5')	Soluble	Solid	300.0	80936
880-43566-9	CS-9 (1.5')	Soluble	Solid	300.0	80936
880-43566-10	CS-10 (1.5')	Soluble	Solid	300.0	80936
880-43566-11	CS-11 (1.5')	Soluble	Solid	300.0	80936
880-43566-12	CS-12 (1.5')	Soluble	Solid	300.0	80936
880-43566-13	CS-13 (1.5')	Soluble	Solid	300.0	80936
880-43566-14	CS-14 (1.5')	Soluble	Solid	300.0	80936
880-43566-15	CS-15 (1.5')	Soluble	Solid	300.0	80936
880-43566-16	CS-16 (1.5')	Soluble	Solid	300.0	80936
880-43566-17	CS-17 (1.5')	Soluble	Solid	300.0	80936
880-43566-18	CS-18 (1.5')	Soluble	Solid	300.0	80936
880-43566-19	CS-19 (1.5')	Soluble	Solid	300.0	80936
880-43566-20	CS-20 (1.5')	Soluble	Solid	300.0	80936
MB 880-80936/1-A	Method Blank	Soluble	Solid	300.0	80936
LCS 880-80936/2-A	Lab Control Sample	Soluble	Solid	300.0	80936
LCSD 880-80936/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	80936
880-43566-1 MS	CS-1 (1.5')	Soluble	Solid	300.0	80936
880-43566-1 MSD	CS-1 (1.5')	Soluble	Solid	300.0	80936
880-43566-11 MS	CS-11 (1.5')	Soluble	Solid	300.0	80936
880-43566-11 MSD	CS-11 (1.5')	Soluble	Solid	300.0	80936

Analysis Batch: 80956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-21	CS-21 (1.5')	Soluble	Solid	300.0	80937
880-43566-22	CS-22 (1.5')	Soluble	Solid	300.0	80937

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Client: Carmona Resources

Job ID: 880-43566-1

Project/Site: Paduca Main

SDG: Lea Co. NM

HPLC/IC (Continued)

Analysis Batch: 80956 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-43566-23	CS-23 (1.5')	Soluble	Solid	300.0	80937
880-43566-24	CS-24 (1.5')	Soluble	Solid	300.0	80937
880-43566-25	CS-25 (1.5')	Soluble	Solid	300.0	80937
880-43566-26	CS-26 (1.5')	Soluble	Solid	300.0	80937
880-43566-27	CS-27 (1.5')	Soluble	Solid	300.0	80937
880-43566-28	CS-28 (1.5')	Soluble	Solid	300.0	80937
880-43566-29	CS-29 (1.5')	Soluble	Solid	300.0	80937
880-43566-30	CS-30 (1.5')	Soluble	Solid	300.0	80937
880-43566-31	SW-1 (1.5')	Soluble	Solid	300.0	80937
880-43566-32	SW-2 (1.5')	Soluble	Solid	300.0	80937
880-43566-33	SW-3 (1.5')	Soluble	Solid	300.0	80937
880-43566-34	SW-4 (1.5')	Soluble	Solid	300.0	80937
880-43566-35	SW-5 (1.5')	Soluble	Solid	300.0	80937
880-43566-36	SW-6 (1.5')	Soluble	Solid	300.0	80937
880-43566-37	SW-7 (1.5')	Soluble	Solid	300.0	80937
880-43566-38	SW-8 (1.5')	Soluble	Solid	300.0	80937
MB 880-80937/1-A	Method Blank	Soluble	Solid	300.0	80937
LCS 880-80937/2-A	Lab Control Sample	Soluble	Solid	300.0	80937
LCSD 880-80937/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	80937
880-43566-21 MS	CS-21 (1.5')	Soluble	Solid	300.0	80937
880-43566-21 MSD	CS-21 (1.5')	Soluble	Solid	300.0	80937
880-43566-31 MS	SW-1 (1.5')	Soluble	Solid	300.0	80937
880-43566-31 MSD	SW-1 (1.5')	Soluble	Solid	300.0	80937

Job ID: 880-43566-1 SDG: Lea Co. NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-43566-1

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 11:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 11:04	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 11:07	SMC	EET MID

Lab Sample ID: 880-43566-2

Date Collected: 05/15/24 00:00

Client Sample ID: CS-2 (1.5')

Matrix: Solid

Date Received: 05/16/24 16:50

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 12:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 12:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 11:26	SMC	EET MID

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-43566-3

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 12:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 12:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 12:27	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	80936	05/17/24 08:17	SA	EET MID

50 mL

50 mL

80949

Client Sample ID: CS-4 (1.5')

Analysis

300.0

Lab Sample ID: 880-43566-4

05/17/24 11:32 SMC

Date Collected: 05/15/24 00:00

Soluble

Matrix: Solid

EET MID

Date Received: 05/16/24 16:50	Date	Received:	05/16/24	16:50
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	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 13:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 13:01	SM	EET MID

Job ID: 880-43566-1 SDG: Lea Co. NM

Lab Sample ID: 880-43566-4

Matrix: Solid

Client Sample ID: CS-4 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			81103	05/17/24 12:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 12:51	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 11:38	SMC	EET MID

Client Sample ID: CS-5 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-5

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 13:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 13:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 13:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 13:12	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 11:44	SMC	EET MID

Client Sample ID: CS-6 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-6

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 13:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 13:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 13:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 13:33	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 12:02	SMC	EET MID

Clie

Date

Date Received: 05/16/24 16:50

	le ID: CS-7(: 05/15/24 00:00	•					Lab Samp	ole ID: 8	880-43566-7 Matrix: Solid	
oluble	Analysis	300.0	1	50 mL	50 mL	80949	05/17/24 12:02	SMC	EET MID	
oluble	Leach	DI Leach		4.98 g	50 mL	80936	05/17/24 08:17	SA	EET MID	

_	Batch	Batch	Batch	Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 14:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 14:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 13:54	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	80938 80929	05/17/24 08:23 05/17/24 13:54	EL SM	EET MID

Job ID: 880-43566-1 SDG: Lea Co. NM

Lab Sample ID: 880-43566-7

Client Sample ID: CS-7 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 12:09	SMC	EET MID

Client Sample ID: CS-8 (1.5') Lab Sample ID: 880-43566-8 **Matrix: Solid**

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 14:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 14:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 14:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 14:14	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 12:15	SMC	EET MID

Client Sample ID: CS-9 (1.5') Lab Sample ID: 880-43566-9 Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 14:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 14:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 14:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 14:35	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 12:21	SMC	EET MID

Client Sample ID: CS-10 (1.5') Lab Sample ID: 880-43566-10

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 15:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 14:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 14:56	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 12:27	SMC	EET MID

Eurofins Midland

Matrix: Solid

Lab Sample ID: 880-43566-11

Client Sample ID: CS-11 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 16:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 16:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 15:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 15:37	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 12:33	SMC	EET MID

Client Sample ID: CS-12 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-12

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 16:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 16:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 15:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 15:57	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 12:52	SMC	EET MID

Client Sample ID: CS-13 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-13 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 17:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 16:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 16:17	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 12:58	SMC	EET MID

Client Sample ID: CS-14 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Lab Sample	ID: 880-43566-14
	Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 17:40	SM	EET MID

Lab Sample ID: 880-43566-14

Matrix: Solid

Client Sample ID: CS-14 (1.5') Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Ва	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			81103	05/17/24 16:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 16:38	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 13:16	SMC	EET MID

Lab Sample ID: 880-43566-15 Client Sample ID: CS-15 (1.5') **Matrix: Solid**

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 18:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 16:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 16:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 13:22	SMC	EET MID

Client Sample ID: CS-16 (1.5') Lab Sample ID: 880-43566-16 Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 18:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 17:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 17:18	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 13:29	SMC	EET MID

Lab Sample ID: 880-43566-17 Client Sample ID: CS-17 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 18:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 17:39	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.05 g 1 uL	10 mL 1 uL	80938 80929	05/17/24 08:23 05/17/24 17:39	EL SM	EET MID EET MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 8/20/2024 3:08:55 PM

Job ID: 880-43566-1

SDG: Lea Co. NM

Client Sample ID: CS-17 (1.5')

Lab Sample ID: 880-43566-17

Matrix: Solid

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Client: Carmona Resources

Project/Site: Paduca Main

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 13:35	SMC	EET MID

Client Sample ID: CS-18 (1.5') Lab Sample ID: 880-43566-18

Date Collected: 05/15/24 00:00 Matrix: Solid Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 19:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 17:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 17:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 13:41	SMC	EET MID

Client Sample ID: CS-19 (1.5') Lab Sample ID: 880-43566-19

Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

Batch Dil Final Batch Initial Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 4.95 g 5 mL 80943 05/17/24 08:32 MNR **EET MID** Total/NA 8021B 5 mL 5 mL 05/17/24 19:22 MNR **EET MID** Analysis 80944 Total/NA Analysis Total BTEX 1 81108 05/17/24 19:22 SM **EET MID** Total/NA Analysis 8015 NM 1 81103 05/17/24 18:19 SM **EET MID** Total/NA Prep 8015NM Prep 10.06 g 10 mL 80938 05/17/24 08:23 EL EET MID Total/NA **EET MID** Analysis 8015B NM 1 uL 1 uL 80929 05/17/24 18:19 SM Soluble Leach DI Leach 4.99 g 50 mL 80936 05/17/24 08:17 SA EET MID Soluble Analysis 300.0 50 mL 50 mL 80949 05/17/24 13:47 SMC **EET MID**

Client Sample ID: CS-20 (1.5') Lab Sample ID: 880-43566-20

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	80943	05/17/24 08:32	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80944	05/17/24 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 19:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 18:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	80938	05/17/24 08:23	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80929	05/17/24 18:40	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	80936	05/17/24 08:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80949	05/17/24 13:53	SMC	EET MID

Eurofins Midland

Matrix: Solid

Job ID: 880-43566-1

SDG: Lea Co. NM

Client Sample ID: CS-21 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50 Lab Sample ID: 880-43566-21

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 13:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 11:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 11:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 11:25	SMC	EET MID

Client Sample ID: CS-22 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-22

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 18:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 18:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 12:05	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 11:41	SMC	EET MID

Client Sample ID: CS-23 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-23

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 18:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 12:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 12:27	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 11:46	SMC	EET MID

Client Sample ID: CS-24 (1.5')

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-24

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 18:43	SM	EET MID

Job ID: 880-43566-1

SDG: Lea Co. NM

Client Sample ID: CS-24 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-24

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			81103	05/17/24 12:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 12:51	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80956	05/17/24 11:52	SMC	EET MID

Lab Sample ID: 880-43566-25

Date Collected: 05/15/24 00:00

Date Received: 05/16/24 16:50

Client Sample ID: CS-25 (1.5')

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 19:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 13:12	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 13:12	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80956	05/17/24 11:57	SMC	EET MID

Client Sample ID: CS-26 (1.5') Lab Sample ID: 880-43566-26

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 19:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 13:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 13:33	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80956	05/17/24 12:14	SMC	EET MID

Lab Sample ID: 880-43566-27 Client Sample ID: CS-27 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 19:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 13:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 13:54	SM	EET MID

Eurofins Midland

Matrix: Solid

Released to Imaging: 8/20/2024 3:08:55 PM

Client: Carmona Resources

Job ID: 880-43566-1 SDG: Lea Co. NM

Project/Site: Paduca Main

Client Sample ID: CS-27 (1.5') Lab Sample ID: 880-43566-27 Date Collected: 05/15/24 00:00 Matrix: Solid

Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80956	05/17/24 12:19	SMC	EET MID

Client Sample ID: CS-28 (1.5') Lab Sample ID: 880-43566-28

Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 20:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 14:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 14:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80956	05/17/24 12:24	SMC	EET MID

Client Sample ID: CS-29 (1.5') Lab Sample ID: 880-43566-29

Date Collected: 05/15/24 00:00 **Matrix: Solid** Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 20:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 20:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 14:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 14:35	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80956	05/17/24 12:30	SMC	EET MID

Client Sample ID: CS-30 (1.5') Lab Sample ID: 880-43566-30

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	80946	05/17/24 08:40	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80950	05/17/24 20:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 20:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 14:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 14:56	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	80956	05/17/24 12:35	SMC	EET MID

Eurofins Midland

Matrix: Solid

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: SW-1 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-31

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	80935	05/17/24 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80855	05/17/24 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 18:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 15:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 15:37	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 12:41	SMC	EET MID

Client Sample ID: SW-2 (1.5') Lab Sample ID: 880-43566-32

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	80935	05/17/24 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80855	05/17/24 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 18:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 15:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 15:57	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 12:57	SMC	EET MID

Client Sample ID: SW-3 (1.5') Lab Sample ID: 880-43566-33

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	80935	05/17/24 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80855	05/17/24 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 19:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 16:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 16:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 13:02	SMC	EET MID

Client Sample ID: SW-4 (1.5') Lab Sample ID: 880-43566-34

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	5.4.	5.4.1		5 ''		-	5			
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	80935	05/17/24 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80855	05/17/24 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 19:32	SM	EET MID

Eurofins Midland

Matrix: Solid

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Matrix: Solid

Job ID: 880-43566-1 SDG: Lea Co. NM

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-43566-34

Matrix: Solid

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			81103	05/17/24 16:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 16:38	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 13:19	SMC	EET MID

Lab Sample ID: 880-43566-35

Client Sample ID: SW-5 (1.5') Date Collected: 05/15/24 00:00 **Matrix: Solid**

Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	80935	05/17/24 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80855	05/17/24 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 16:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 16:58	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 13:24	SMC	EET MID

Client Sample ID: SW-6 (1.5') Lab Sample ID: 880-43566-36

Date Collected: 05/15/24 00:00 **Matrix: Solid** Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	80935	05/17/24 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80855	05/17/24 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 20:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 17:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 17:18	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 13:30	SMC	EET MID

Client Sample ID: SW-7 (1.5') Lab Sample ID: 880-43566-37

Date Collected: 05/15/24 00:00 **Matrix: Solid** Date Received: 05/16/24 16:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	80935	05/17/24 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80855	05/17/24 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 20:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 17:39	SM	EET MID

Lab Chronicle

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: SW-7 (1.5')

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Lab Sample ID: 880-43566-37

Matrix: Solid

	Batch	Batch	Dil		Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 13:35	SMC	EET MID

Client Sample ID: SW-8 (1.5') Lab Sample ID: 880-43566-38

Date Collected: 05/15/24 00:00 Date Received: 05/16/24 16:50

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	80935	05/17/24 08:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	80855	05/17/24 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			81108	05/17/24 20:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			81103	05/17/24 17:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	80940	05/17/24 08:29	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	80928	05/17/24 17:59	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	80937	05/17/24 08:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	80956	05/17/24 13:40	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources Job ID: 880-43566-1 Project/Site: Paduca Main SDG: Lea Co. NM

Laboratory: Eurofins Midland

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

thority	Prog	ram	Identification Number	Expiration Date				
as	NELA	AP.	T104704400-23-26	06-30-24				
,	are included in this report, best not offer certification.	ied by the governing authority. This lis	t may include analytes					
Analysis Method	sis Method Prep Method Matrix Analyte							
300.0		Solid	Chloride					
8015 NM		Solid	Total TPH					
8015B NM	8015NM Prep	Solid	Diesel Range Organics (O	ver C10-C28)				
8015B NM	8015NM Prep	Solid	Gasoline Range Organics	(GRO)-C6-C10				
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over	C28-C36)				
8015B NM	8015NM Prep	Solid	Total TPH					
8021B	5035	Solid	Benzene					
8021B	5035	Solid	Ethylbenzene					
8021B	5035	Solid	m-Xylene & p-Xylene					
8021B	5035	Solid	o-Xylene					
8021B	5035	Solid	Toluene					
8021B	5035	Solid	Xylenes, Total					
Total BTEX		Solid	Total BTEX					

Method Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-43566-1

SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources Project/Site: Paduca Main

J

ob	ID: 8	380-4	4356	66-1
SI	DG:	Lea	Co.	NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-43566-1	CS-1 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-2	CS-2 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-3	CS-3 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-4	CS-4 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-5	CS-5 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-6	CS-6 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-7	CS-7 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-8	CS-8 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-9	CS-9 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-10	CS-10 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-11	CS-11 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-12	CS-12 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-13	CS-13 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-14	CS-14 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-15	CS-15 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-16	CS-16 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-17	CS-17 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-18	CS-18 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-19	CS-19 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-20	CS-20 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-21	CS-21 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-22	CS-22 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-23	CS-23 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-24	CS-24 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-25	CS-25 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-26	CS-26 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-27	CS-27 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-28	CS-28 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-29	CS-29 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-30	CS-30 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-31	SW-1 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-32	SW-2 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-33	SW-3 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-34	SW-4 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-35	SW-5 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-36	SW-6 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-37	SW-7 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
880-43566-38	SW-8 (1.5')	Solid	05/15/24 00:00	05/16/24 16:50
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Received by OCD: 7/10/2024 12:00:37 AM

Wor

Project Manager Connor Moehring Bill to: (if different) Joseph Vargo **Work Order Comments** Carmona Resources Company Name Company Name: NGL Water Solutions Permian Program: UST/PST PRP Brownfields RRC uperfund Address. 310 W Wall St Ste 500 State of Project: Address. 865 N Albino Street, Suite 400 Reporting Level II Level III PST/UST RRP City, State ZIP Midland, TX 79701 Level IV City, State ZIP Denver, CO 80220 Phone. (432) 813-6823 Email Joseph.Vargo@nglep.com Deliverables EDD ADaPT Other Project Name Paduca Main **Turn Around ANALYSIS REQUEST Preservative Codes** ☐ Routine Project Number 2206 ☑ Rush Code None: NO DI Water H₂O Project Location Lea Co. NM Due Date 24 Hr TAT Cool Cool MeOH Me MRO) Sampler's Name **CRM** HCL. HC HNO₃. HN STANDARD PO #: H₂S0₄. H₂ NaOH Na TPH 8015M (GRO + DRO + Parameters SAMPLE RECEIPT Temp Blank: (Yes Yes No Wet Ice: No BTEX 8021B H₃PO₄ HP Received Intact: Yes) No Thermometer ID NaHSO₄ NABIS Cooler Custody Seals. Yes No N/A Correction Factor Na₂S₂O₃. NaSO₃ Sample Custody Seals. Yes No N/A Temperature Reading 2 Zn Acetate+NaOH Zn Total Containers: Corrected Temperature: NaOH+Ascorbic Acid SAPC Grab/ # of Sample Identification Date Time Soil Water Sample Comments Comp Cont CS-1 (1.5') 5/15/2024 Х G 1 X CS-2 (1.5') Х 5/15/2024 G 1 X Х X CS-3 (1.5') 5/15/2024 Х G 1 Х х х CS-4 (1.5') 5/15/2024 Х G X X X CS-5 (1.5') X 5/15/2024 G Х Х Х CS-6 (1.5') Х 5/15/2024 G X Х х CS-7 (1.5') X 5/15/2024 G Х Х Х CS-8 (1.5') Х 5/15/2024 G х Х Х CS-9 (1.5') Х 5/15/2024 G 1 Х X Х CS-10 (1.5') 5/15/2024 Х G 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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5/20/2024

Received by OCD: 7/10/2024 12:00:37 AM

Work Order No: 43566

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	Midland, TX 7	·		T	City, Stat				er, CO	80220		···			4	Reporting Level II Level III ST/UST RRP Level IV Deliverables. EDD ADaPT Other								
hone.	(432) 813-682	!3		<u>Email</u>	nail Joseph.Vargo@nglep.com				Deliverable	es. E	DD L		ADal	PT Other										
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Work Order No: 43566

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20	Company Name:	Carmo	ona Reso	urces			Company	y Name:		NGL	Water	Solutio	ns Permi	an				Prog	ram: l	JST/P				wnfields RRC	uperfund
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3.08	City, State ZIP	Midlar	nd, TX 79	701			City, Stat	e ZIP		Denv	er, CO	80220	<u></u>					Repo	rting L	evel II		evel III	□Þs	T/UST TRRP	☐ Level IV ☐
5	Phone	(432)	813-6823			Email	Joseph.	Vargo@	nglep.c									Delive						PT Other	
7 P	Project Name	T		Paduca Main		Turn	Around			T					MALX	/CIC		<u></u>							
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Project Manager

Company Name.

City, State ZIP

Address.

Connor Moehring

Carmona Resources

Midland, TX 79701

310 W Wall St Ste 500

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ב	Project Name.	Paduca Main				Turn Around				ANALYSIS REQUEST Preserval												ervativ	ve Codes	٦			
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Joseph Vargo

Denver, CO 80220

NGL Water Solutions Permian

865 N Albino Street, Suite 400

Bill to: (if different)

Company Name:

City, State ZIP

Address.

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

Relinquished by: (Signature)

Page 287 of 447

Date/Time

3/16/24(0)4:49

Received by: (Signature)

Work Order No: 43566

Work Order Comments

Program: UST/PST PRP Brownfields RRC upperfund

Reporting Level II Level III PST/UST RRP Level IV

State of Project:

Page

Date/Time

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-43566-1 SDG Number: Lea Co. NM

Login Number: 43566 **List Source: Eurofins Midland**

List Number: 1

Creator: Rodriguez, Leticia

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

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500

Midland, Texas 79701

Generated 6/7/2024 10:22:17 AM Revision 1

JOB DESCRIPTION

Paduca Main Lea Co. NM

JOB NUMBER

880-44158-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 6/7/2024 10:22:17 AM Revision 1

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

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Client: Carmona Resources
Project/Site: Paduca Main

Laboratory Job ID: 880-44158-1 SDG: Lea Co. NM

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Eurofins Midland 6/7/2024 (Rev. 1)

Definitions/Glossary

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

Qualifiers

GC VC	AC
Qualifie	r

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

GC Semi VOA

Qualifier	Qualifier Description
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.

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not
	applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present

PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

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: Paduca Main

Job ID: 880-44158-1

Job ID: 880-44158-1

Eurofins Midland

Job Narrative 880-44158-1

REVISION

The report being provided is a revision of the original report sent on 6/4/2024. The report (revision 1) is being revised due to Revision required, sample names are incorrect.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 5/31/2024 3:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-31 (1.5') (880-44158-1), CS-32 (1.5') (880-44158-2), CS-33 (1.5') (880-44158-3), CS-34 (1.5') (880-44158-4), CS-35 (1.5') (880-44158-5), CS-36 (1.5') (880-44158-6), CS-37 (1.5') (880-44158-7), CS-38 (1.5') (880-44158-8), CS-39 (1.5') (880-44158-9), CS-40 (1.5') (880-44158-10), CS-41 (1.5') (880-44158-11), CS-42 (1.5') (880-44158-12), CS-43 (1.5') (880-44158-13), CS-44 (4.5') (880-44158-14), CS-45 (4.5') (880-44158-15), CS-46 (4.5') (880-44158-16), CS-47 (4.5') (880-44158-17), CS-48 (4.5') (880-44158-18), CS-49 (4.5') (880-44158-19), CS-50 (4.5') (880-44158-20), CS-51 (4.5') (880-44158-21), CS-52 (4.5') (880-44158-22), CS-53 (4.5') (880-44158-23), CS-54 (4.5') (880-44158-24), CS-55 (4.5') (880-44158-25), SW-9 (3.0') (880-44158-26), SW-10 (1.5') (880-44158-27), SW-11 (1.5') (880-44158-28), SW-12 (1.5') (880-44158-29), SW-13 (1.5') (880-44158-30), SW-14 (1.5') (880-44158-31), SW-15 (1.5') (880-44158-32), SW-16 (1.5') (880-44158-33), SW-17 (1.5') (880-44158-34), SW-18 (4.5') (880-44158-35), SW-19 (4.5') (880-44158-36), SW-20 (3.0') (880-44158-37), SW-21 (4.5') (880-44158-38), SW-22 (4.5') (880-44158-39) and SW-23 (4.5') (880-44158-40).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: CS-32 (1.5') (880-44158-2). 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-82078 and analytical batch 880-82104 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: CS-35 (1.5') (880-44158-5) and CS-43 (1.5') (880-44158-13). Percent recoveries are based on the amount spiked.

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

Method 300 ORGFM 28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-82072 and analytical batch 880-82082 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: Paduca Main

Job ID: 880-44158-1

Job ID: 880-44158-1 (Continued)

Eurofins Midland

CS-41 (1.5') (880-44158-11), CS-42 (1.5') (880-44158-12), CS-43 (1.5') (880-44158-13), CS-44 (4.5') (880-44158-14), CS-45 (4.5') (880-44158-15), CS-46 (4.5') (880-44158-16), CS-47 (4.5') (880-44158-17), CS-48 (4.5') (880-44158-18), CS-49 (4.5') (880-44158-19), CS-50 (4.5') (880-44158-20), (880-44158-A-11-B MS) and (880-44158-A-11-C MSD)

Method 300 ORGFM 28D - Soluble: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-82077 and analytical batch 880-82083 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

(880-44158-A-21-B MS) and (880-44158-A-21-C MSD)

Method 300 ORGFM 28D - Soluble: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 880-82077 and analytical batch 880-82083 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

CS-51 (4.5') (880-44158-21), CS-52 (4.5') (880-44158-22), CS-53 (4.5') (880-44158-23), CS-54 (4.5') (880-44158-24), CS-55 (4.5') (880-44158-25), SW-9 (3.0') (880-44158-26), SW-10 (1.5') (880-44158-27), SW-11 (1.5') (880-44158-28), SW-12 (1.5') (880-44158-29), SW-13 (1.5') (880-44158-30), (880-44158-A-21-B MS) and (880-44158-A-21-C MSD)

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

Client Sample ID: CS-31 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15 Lab Sample ID: 880-44158-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/02/24 17:55	06/03/24 12:14	1
Toluene	< 0.00199	U	0.00199		mg/Kg		06/02/24 17:55	06/03/24 12:14	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/02/24 17:55	06/03/24 12:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/02/24 17:55	06/03/24 12:14	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/02/24 17:55	06/03/24 12:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/02/24 17:55	06/03/24 12:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				06/02/24 17:55	06/03/24 12:14	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/02/24 17:55	06/03/24 12:14	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/03/24 12:14	1

Method: SW846 8015 NM - Die	sel Range (Organics ((DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			06/01/24 22:47	

Method: SW846 8015B 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		05/31/24 16:16	06/01/24 22:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 22:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 22:47	1
Total TPH	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				05/31/24 16:16	06/01/24 22:47	1
o-Terphenyl	97		70 - 130				05/31/24 16:16	06/01/24 22:47	1

Method: EPA 300.0 - Anions, Io	on Chromatography - S	oluble					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	757	5.03	mg/Kg			06/01/24 06:50	1

Client Sample ID: CS-32 (1.5')

Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 18:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 18:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 18:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/02/24 18:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 18:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/02/24 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				06/02/24 14:57	06/02/24 18:34	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/02/24 14:57	06/02/24 18:34	1

Client Sample ID: CS-32 (1.5') Lab Sample ID: 880-44158-2

Date Collected: 05/31/24 00:00 Matrix: Solid Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/02/24 18:34	1
Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/01/24 23:35	1
Method: SW846 8015B NM - D	iesel Range	e Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 23:35	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 23:35	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 23:35	1
Total TPH	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/31/24 16:16	06/01/24 23:35	1
o-Terphenyl	85		70 - 130				05/31/24 16:16	06/01/24 23:35	1

5.05 Client Sample ID: CS-33 (1.5') Lab Sample ID: 880-44158-3 Date Collected: 05/31/24 00:00 **Matrix: Solid**

RL

MDL Unit

mg/Kg

Prepared

Analyzed

06/01/24 07:09

Dil Fac

Result Qualifier

868

Date Received: 05/31/24 15:15

Analyte

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 18:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 18:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 18:55	1
m-Xylene & p-Xylene	< 0.00397	U	0.00397		mg/Kg		06/02/24 14:57	06/02/24 18:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 18:55	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/02/24 14:57	06/02/24 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				06/02/24 14:57	06/02/24 18:55	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/02/24 14:57	06/02/24 18:55	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/02/24 18:55	1
Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/01/24 23:50	1
·	Dissal Bange	Organica	(DRO) (GC)						
Method: SW846 8015B NM	- Diesei Kange	Urgariics	(DICO) (GG)						
Method: SW846 8015B NM Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Eurofins Midland

(GRO)-C6-C10

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: CS-33 (1.5') Lab Sample ID: 880-44158-3

Date Collected: 05/31/24 00:00 Matrix: Solid Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/01/24 23:50	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/01/24 23:50	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/01/24 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				05/31/24 16:16	06/01/24 23:50	1
o-Terphenyl	112		70 - 130				05/31/24 16:16	06/01/24 23:50	1

Method: EPA 300.0 - Anions, Io	n Chromat	ography - S	Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	791		5.02		mg/Kg			06/01/24 07:15	1

Client Sample ID: CS-34 (1.5') Lab Sample ID: 880-44158-4 Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/02/24 14:57	06/02/24 19:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/02/24 14:57	06/02/24 19:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/02/24 14:57	06/02/24 19:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/02/24 14:57	06/02/24 19:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/02/24 14:57	06/02/24 19:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/02/24 14:57	06/02/24 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/02/24 14:57	06/02/24 19:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/02/24 14:57	06/02/24 19:15	1
Method: TAL SOP Total BTEX	C - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/02/24 19:15	1
Total BTEX Method: SW846 8015 NM - Di					mg/Kg			06/02/24 19:15	1
	esel Range (MDL	mg/Kg Unit	D	Prepared	06/02/24 19:15 Analyzed	
: Method: SW846 8015 NM - Di	esel Range (Organics (Qualifier	DRO) (GC)	MDL		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Di Analyte	esel Range (Result < 49.8	Organics (Qualifier U	DRO) (GC) RL 49.8	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH	esel Range (Result <49.8	Organics (Qualifier U	DRO) (GC) RL 49.8	MDL MDL	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics	esel Range (Result <49.8	Organics (Qualifier U Organics Qualifier Qualifier	DRO) (GC) RL 49.8 (DRO) (GC)		Unit mg/Kg	_ =	<u> </u>	Analyzed 06/02/24 00:07	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range Result <49.8 Diesel Range Result	Organics (Qualifier U Organics Qualifier U	DRO) (GC) RL 49.8 (DRO) (GC) RL		Unit mg/Kg	_ =	Prepared 05/31/24 16:16	Analyzed 06/02/24 00:07	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range Result <49.8 Diesel Range Result <49.8 <49.8	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 06/02/24 00:07	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	esel Range (Result <49.8 Diesel Range Result <49.8 <49.8 <49.8	Organics (Qualifier U Organics Qualifier U U U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 06/02/24 00:07	Dil Fac
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range Result <49.8 Diesel Range Result <49.8 <49.8	Organics (Qualifier U Organics Qualifier U U U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 06/02/24 00:07	Dil Fac Dil Fac 1 1 1
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	esel Range (Result <49.8 Diesel Range Result <49.8 <49.8 <49.8	Organics (Qualifier U Organics Qualifier U U U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 06/02/24 00:07	Dil Fac Dil Fac 1 1 1
Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	esel Range Result <49.8 Diesel Range Result <49.8 <49.8 <49.8 <49.8	Organics (Qualifier U Organics Qualifier U U U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 06/02/24 00:07 06/02/24 00:07 06/02/24 00:07 Analyzed	1 Dil Fac 1 1 1 1 1 1 Dil Fac 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

SDG: Lea Co. NM

Client Sample ID: CS-34 (1.5') Date Collected: 05/31/24 00:00

Lab Sample ID: 880-44158-4

Matrix: Solid

Matrix: Solid

Date Received: 05/31/24 15:15

ı	Method: EPA 300.0 - Anions, I	on Chromat	ography -	Soluble						
١	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	671		4.98		mg/Kg			06/01/24 07:21	1

Client Sample ID: CS-35 (1.5') Lab Sample ID: 880-44158-5

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/02/24 19:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/02/24 19:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/02/24 19:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/02/24 14:57	06/02/24 19:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/02/24 19:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/02/24 14:57	06/02/24 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				06/02/24 14:57	06/02/24 19:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/02/24 14:57	06/02/24 19:36	1

Method: TAL SOP Total BTEX -	Total BTE	X Calculati	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/02/24 19:36	1

Method: SW846 8015 NM - Dies	sel Range Organics (DF	RO) (GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			06/02/24 00:23	1

Method: SW846 8015B NM - D	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		05/31/24 16:16	06/02/24 00:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 00:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 00:23	1
Total TPH	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Method: EPA 300 0 - Anions Jon Chr	omatography -	Soluble		
o-Terphenyl	65 S1-	70 - 130	05/31/24 16:16 06/02/24 00:23	1
1-Chlorooctane	62 S1-	70 - 130	05/31/24 16:16 06/02/24 00:23	1

Method. EPA 300.0 - Allions, id	ili Ciliolliai	ograpny -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	P	Prepared	Analyzed	Dil Fac
Chloride	610		5.02		mg/Kg				06/01/24 07:28	1

Lab Sample ID: 880-44158-6 Client Sample ID: CS-36 (1.5') Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Method: SW846 8021B - Volatile Organic Compounds (GC)										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 19:56	1
	Toluene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 19:56	1

Client Sample ID: CS-36 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15 Lab Sample ID: 880-44158-6

Matrix: Solid

Method: SW846 8021B - Vo	latile Organic Compounds	(GC) (Cont	inued)
A 1 4 .	D 14 . O 11 C		MEL

Analyte	Result	Qualifier	RL	MDL I	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 19:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/02/24 14:57	06/02/24 19:56	1
o-Xylene	<0.00200	U	0.00200	ı	mg/Kg		06/02/24 14:57	06/02/24 19:56	1
Xylenes, Total	<0.00399	U	0.00399	ı	mg/Kg		06/02/24 14:57	06/02/24 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1 Dramaficarahanzana (Court			70 120				06/02/24 14:57	06/00/04 10:56	

4-Bromofluorobenzene (Surr) 115 70 - 130 06/02/24 14:57 06/02/24 19:56 70 - 130 06/02/24 14:57 06/02/24 19:56 1,4-Difluorobenzene (Surr)

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/02/24 19:56	1

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

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/02/24 00:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 00:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 00:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 00:40	1
Total TPH	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 00:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84	·	70 - 130	05/31/24 16:16	06/02/24 00:40	1
o-Terphenyl	87		70 - 130	05/31/24 16:16	06/02/24 00:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	519		4.99		mg/Kg			06/01/24 07:47	1

Client Sample ID: CS-37 (1.5')

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-7

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 20:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 20:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 20:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/02/24 14:57	06/02/24 20:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 20:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/02/24 14:57	06/02/24 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/02/24 14:57	06/02/24 20:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/02/24 14:57	06/02/24 20:16	1

Client Sample ID: CS-37 (1.5') Lab Sample ID: 880-44158-7

Date Collected: 05/31/24 00:00 Matrix: Solid Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/02/24 20:16	1
Method: SW846 8015 NM - Di	esel Range (Organics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/02/24 00:55	1
Method: SW846 8015B NM - D	Diesel Range	Organics	(DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/02/24 00:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/02/24 00:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/02/24 00:55	1
Total TPH	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/02/24 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/31/24 16:16	06/02/24 00:55	1
o-Terphenyl	101		70 - 130				05/31/24 16:16	06/02/24 00:55	1
Method: EPA 300.0 - Anions,	lon Chroma	tography -	Soluble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

mg/Kg Chloride 597 4.97 06/01/24 07:53 Client Sample ID: CS-38 (1.5') Lab Sample ID: 880-44158-8

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 20:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 20:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 20:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/02/24 20:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 20:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/02/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/02/24 14:57	06/02/24 20:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/02/24 14:57	06/02/24 20:37	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/02/24 20:37	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			06/02/24 01:13	1

Eurofins Midland

Analyzed

05/31/24 16:16 06/02/24 01:13

Prepared

RL

49.9

Result Qualifier

<49.9 U

MDL Unit

mg/Kg

Matrix: Solid

Dil Fac

Analyte

(GRO)-C6-C10

Gasoline Range Organics

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: CS-38 (1.5') Lab Sample ID: 880-44158-8 Date Collected: 05/31/24 00:00 Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 01:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 01:13	1
Total TPH	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				05/31/24 16:16	06/02/24 01:13	1
o-Terphenyl	103		70 - 130				05/31/24 16:16	06/02/24 01:13	1

5.02 06/01/24 07:59 **Chloride** 585 mg/Kg Client Sample ID: CS-39 (1.5') Lab Sample ID: 880-44158-9

Date Collected: 05/31/24 00:00

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

Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/02/24 14:57	06/02/24 20:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/02/24 14:57	06/02/24 20:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/02/24 14:57	06/02/24 20:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/02/24 14:57	06/02/24 20:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/02/24 14:57	06/02/24 20:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/02/24 14:57	06/02/24 20:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				06/02/24 14:57	06/02/24 20:57	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 14:57	06/02/24 20:57	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00404	П	0.00404		mg/Kg			06/02/24 20:57	1
- -					9/. 19				
Method: SW846 8015 NM - Did Analyte	esel Range (MDL	Unit	D	Prepared	Analyzed	Dil Fac
: Method: SW846 8015 NM - Did	esel Range (Organics (Qualifier	DRO) (GC)	MDL		<u>D</u>	Prepared	Analyzed 06/02/24 01:28	Dil Fac
Method: SW846 8015 NM - Di Analyte	esel Range (Result <49.8	Organics (Qualifier	DRO) (GC) RL 49.8	MDL	Unit	<u>D</u>	Prepared		
Method: SW846 8015 NM - Did Analyte Total TPH	esel Range (Result <49.8	Organics (Qualifier	DRO) (GC) RL 49.8		Unit	<u>D</u>	Prepared Prepared		
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E	esel Range (Result <49.8	Organics (Qualifier U Organics Qualifier Qualifier	DRO) (GC) RL 49.8		Unit mg/Kg			06/02/24 01:28 Analyzed	1
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range (Result <49.8 Diesel Range Result	Organics (Qualifier U Organics Qualifier U	DRO) (GC) RL 49.8 (DRO) (GC) RL		Unit mg/Kg Unit		Prepared 05/31/24 16:16	06/02/24 01:28 Analyzed	1 Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10	esel Range (Result <49.8 Diesel Range Result <49.8	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8		Unit mg/Kg Unit mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16	06/02/24 01:28 Analyzed 06/02/24 01:28	1 Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	esel Range (Result (<49.8) Diesel Range (Result (<49.8) <49.8	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	06/02/24 01:28 Analyzed 06/02/24 01:28 06/02/24 01:28	1 Dil Fac 1
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range (Result (Organics (Qualifier U Organics Qualifier U U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 01:28 06/02/24 01:28 06/02/24 01:28 06/02/24 01:28	1 Dil Fac 1
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	Pesel Range (Result 49.8) Diesel Range (Result 49.8) 49.8 49.8 49.8	Organics (Qualifier U Organics Qualifier U U U	DRO) (GC) RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 01:28 Analyzed 06/02/24 01:28 06/02/24 01:28 06/02/24 01:28 Analyzed	1 Dil Fac 1 1 1 1

158-1

Client: Carmona Resources

Job ID: 880-44158-1
Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: CS-39 (1.5')

Lab Sample ID: 880-44158-9

Matrix: Solid

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result Q	Qualifier F	L MDI	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	536	4.	99	mg/Kg			06/01/24 08:06	1	

Client Sample ID: CS-40 (1.5')

Date Collected: 05/31/24 00:00

Lab Sample ID: 880-44158-10

Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 21:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 21:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 21:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/02/24 14:57	06/02/24 21:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 21:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/02/24 14:57	06/02/24 21:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				06/02/24 14:57	06/02/24 21:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 14:57	06/02/24 21:18	1

Method: TAL SOP Total BTEX -	Total BTE	X Calculati	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/02/24 21:18	1

Method: SW846 8015 NM - Dies	sel Range Organics (DF	RO) (GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	mg/Kg			06/02/24 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		05/31/24 16:16	06/02/24 01:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/02/24 01:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/02/24 01:46	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/02/24 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Carrogate	701 CCCC CCT y	Quantici	Lillies	Trepured	Analyzea	Dii i uc
1-Chlorooctane	113		70 - 130	05/31/24 16:16	06/02/24 01:46	1
o-Terphenyl	107		70 - 130	05/31/24 16:16	06/02/24 01:46	1
_						

Method: EPA 300.0 - Anions, Id	on Chromatography - S	oluble					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	538	4.98	mg/Kg			06/01/24 08:12	1

Client Sample ID: CS-41 (1.5')

Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Method: SW846 8021B - Volati	le Organic	Compound	ds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/02/24 22:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/02/24 22:42	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: CS-41 (1.5') Lab Sample ID: 880-44158-11 Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/02/24 22:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/02/24 14:57	06/02/24 22:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/02/24 22:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/02/24 14:57	06/02/24 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				06/02/24 14:57	06/02/24 22:42	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 14:57	06/02/24 22:42	1

Method: TAL SOP Total BTEX -	Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/02/24 22:42	1
Method: SW846 8015 NM - Dies	sal Ranga (Organics (DRO) (GC)						

Method. 344040 0013 MM - Dies	FI Kange	Organics (i							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/02/24 02:18	1

Method: SW846 8015B NM - D	Diesel Range	Organics	(DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		05/31/24 16:16	06/02/24 02:18	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		05/31/24 16:16	06/02/24 02:18	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/31/24 16:16	06/02/24 02:18	1
Total TPH	<49.6	U	49.6		mg/Kg		05/31/24 16:16	06/02/24 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98	-	70 - 130				05/31/24 16:16	06/02/24 02:18	1
o-Terphenyl	102		70 - 130				05/31/24 16:16	06/02/24 02:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble											
Analyte	Result	Qualifier	RL	MDL (Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	462	F1	5.02	r	mg/Kg			06/01/24 08:18	1		

Lab Sample ID: 880-44158-12 Client Sample ID: CS-42 (1.5') Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 23:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 23:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 23:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/02/24 14:57	06/02/24 23:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 23:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/02/24 14:57	06/02/24 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				06/02/24 14:57	06/02/24 23:02	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 14:57	06/02/24 23:02	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: CS-42 (1.5') Lab Sample ID: 880-44158-12 Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/02/24 23:02	1
- Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/02/24 02:33	1
- Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 02:33	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 02:33	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 02:33	1
Total TPH	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				05/31/24 16:16	06/02/24 02:33	1
o-Terphenyl	104		70 - 130				05/31/24 16:16	06/02/24 02:33	1
Method: EPA 300.0 - Anions, I	on Chromat	tography -	Soluble						
Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac

06/01/24 08:37 Chloride 540 mg/Kg Lab Sample ID: 880-44158-13

Client Sample ID: CS-43 (1.5')

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 23:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 23:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 23:23	1
m-Xylene & p-Xylene	< 0.00397	U	0.00397		mg/Kg		06/02/24 14:57	06/02/24 23:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/02/24 23:23	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/02/24 14:57	06/02/24 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				06/02/24 14:57	06/02/24 23:23	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/02/24 14:57	06/02/24 23:23	1
			70 = 700				00.02.2	00.02.220.20	
Method: TAL SOP Total BT	EX - Total BTE	X Calculat Qualifier		MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX	EX - Total BTE	Qualifier	ion	MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX	TEX - Total BTE Result <0.00397	Qualifier U	ion RL 0.00397	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM -	EX - Total BTE Result <0.00397 Diesel Range 0	Qualifier U	ion RL 0.00397	MDL MDL	mg/Kg	<u>D</u>		Analyzed	1
Method: TAL SOP Total BT Analyte	EX - Total BTE Result <0.00397 Diesel Range 0	Qualifier U Organics (Qualifier	ion RL 0.00397		mg/Kg		Prepared	Analyzed 06/02/24 23:23	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte Total TPH	EX - Total BTE Result <0.00397 Diesel Range (Result <49.7	Qualifier U Organics (Qualifier U	RL 0.00397 DRO) (GC) RL 49.7		mg/Kg		Prepared	Analyzed 06/02/24 23:23 Analyzed	1
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte	EX - Total BTE Result <0.00397 Diesel Range Result <49.7 - Diesel Range	Qualifier U Organics (Qualifier U	RL 0.00397 DRO) (GC) RL 49.7		mg/Kg Unit mg/Kg		Prepared	Analyzed 06/02/24 23:23 Analyzed	1

Eurofins Midland

Matrix: Solid

Job ID: 880-44158-1 SDG: Lea Co. NM

06/01/24 08:44

Client: Carmona Resources Project/Site: Paduca Main

557

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

Client Sample ID: CS-43 (1.5') Lab Sample ID: 880-44158-13

Date Collected: 05/31/24 00:00 Matrix: Solid Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 02:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 02:50	1
Total TPH	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	208	S1+	70 - 130				05/31/24 16:16	06/02/24 02:50	1
o-Terphenyl	209	S1+	70 - 130				05/31/24 16:16	06/02/24 02:50	1
Method: EPA 300.0 - Anions,	Ion Chromat	tography -	Soluble						
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac

4.99 Lab Sample ID: 880-44158-14 Client Sample ID: CS-44 (4.5')

mg/Kg

Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 23:43	1
Toluene	< 0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 23:43	1
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 23:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/02/24 23:43	1
o-Xylene	< 0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/02/24 23:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/02/24 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				06/02/24 14:57	06/02/24 23:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 14:57	06/02/24 23:43	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/02/24 23:43	1
Method: SW846 8015 NM - Did	esel Range (Organics (DRO) (GC)						
	_	Organics (Qualifier	DRO) (GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Die Analyte Total TPH	_	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/02/24 03:06	Dil Fac
Analyte Total TPH	Result <49.8	Qualifier U	RL 49.8	MDL		<u>D</u>	Prepared		Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D	Result <49.8	Qualifier U	RL 49.8			<u>D</u>	Prepared Prepared		Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics	Result <49.8	Qualifier U Organics Qualifier	RL 49.8 (DRO) (GC)		mg/Kg		<u> </u>	06/02/24 03:06 Analyzed	1
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <49.8 Diesel Range Result	Qualifier U Organics Qualifier U	49.8 (DRO) (GC) RL		mg/Kg Unit		Prepared 05/31/24 16:16	06/02/24 03:06 Analyzed	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.8 Diesel Range Result <49.8	Qualifier U Organics Qualifier U	RL 49.8 (DRO) (GC) RL 49.8		mg/Kg Unit mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16	06/02/24 03:06 Analyzed 06/02/24 03:06	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.8 Diesel Range Result <49.8 <49.8	Qualifier U Organics Qualifier U U	RL 49.8 (DRO) (GC) RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	06/02/24 03:06 Analyzed 06/02/24 03:06 06/02/24 03:06	Dil Fac
Analyte Total TPH Method: SW846 8015B NM - D Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	Result	Qualifier U Organics Qualifier U U U	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	06/02/24 03:06 Analyzed 06/02/24 03:06 06/02/24 03:06 06/02/24 03:06	1 Dil Fac 1 1 1 1
Analyte	Result <49.8 Diesel Range Result <49.8 <49.8 <49.8 <49.8 <49.8	Qualifier U Organics Qualifier U U U	RL 49.8 (DRO) (GC) RL 49.8 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 03:06 Analyzed 06/02/24 03:06 06/02/24 03:06 06/02/24 03:06 06/02/24 03:06 Analyzed	1 Dil Fac 1 1 1

Client: Carmona Resources Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: CS-44 (4.5')

Lab Sample ID: 880-44158-14

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	2910		24.9		mg/Kg			06/01/24 09:03	5	

Lab Sample ID: 880-44158-15

Client Sample ID: CS-45 (4.5') Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/03/24 00:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/03/24 00:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/03/24 00:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/03/24 00:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/03/24 00:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/03/24 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				06/02/24 14:57	06/03/24 00:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/02/24 14:57	06/03/24 00:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00402	U	0.00402		mg/Kg			06/03/24 00:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result	Qualifier	RL	MDL Ur	nit D	Prepar	ed Analyzed	Dil Fac	
	Total TPH	<49.7	U	49.7	mį	g/Kg	· -	06/02/24 03:22	1	

Method: SW846 8015B NM - D	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		05/31/24 16:16	06/02/24 03:22	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 03:22	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 03:22	1
Total TPH	<49.7	U	49.7		mg/Kg		05/31/24 16:16	06/02/24 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				05/31/24 16:16	06/02/24 03:22	1
o-Terphenyl	112		70 - 130				05/31/24 16:16	06/02/24 03:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil									
	Chloride	1890	25.2	mg/Kg			06/01/24 09:09	5	

Lab Sample ID: 880-44158-16 Client Sample ID: CS-46 (4.5') Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Method: SW846 8021B - Volati	le Organic	Compound	ds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/03/24 00:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/03/24 00:24	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: CS-46 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15 Lab Sample ID: 880-44158-16

Matrix: Solid

Method: SW846 8021B - '	Volatile Organic Compounds	(GC) (Conf	tinued)
Analyte	Result Qualifier	RI	MDI I

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/03/24 00:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/02/24 14:57	06/03/24 00:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/02/24 14:57	06/03/24 00:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/02/24 14:57	06/03/24 00:24	1
Curranata	% Bookery	Ouglifier	Limito				Branarad	Analyzad	Dil Ess

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	06/02/24 14:57	06/03/24 00:24	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/02/24 14:57	06/03/24 00:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/03/24 00:24	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.0		49.8		mg/Kg			06/02/24 03:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/02/24 03:37	1
Diesel Range Organics (Over C10-C28)	57.0		49.8		mg/Kg		05/31/24 16:16	06/02/24 03:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/02/24 03:37	1
Total TPH	57.0		49.8		mg/Kg		05/31/24 16:16	06/02/24 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	05/31/24 16:16	06/02/24 03:37	1
o-Terphenyl	102		70 - 130	05/31/24 16:16	06/02/24 03:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	849	4.99	mg/Kg			06/01/24 09:15	1

Client Sample ID: CS-47 (4.5')

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-17

Matrix: Solid

Mothod: SW846 8021B	- Volatile Organic Compounds (C	105

Method: SW846 8021B - Vo	latile Organic	Compound	ds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/03/24 00:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/03/24 00:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/03/24 00:45	1
m-Xylene & p-Xylene	< 0.00397	U	0.00397		mg/Kg		06/02/24 14:57	06/03/24 00:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/03/24 00:45	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/02/24 14:57	06/03/24 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				06/02/24 14:57	06/03/24 00:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/02/24 14:57	06/03/24 00:45	1

Client: Carmona Resources Job ID: 880-44158-1 SDG: Lea Co. NM

Project/Site: Paduca Main Client Sample ID: CS-47 (4.5') Lab Sample ID: 880-44158-17

Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/03/24 00:45	1
Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/02/24 03:54	1
Method: SW846 8015B NM - D	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		05/31/24 16:16	06/02/24 03:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 03:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 03:54	1
Total TPH	<49.9	U	49.9		mg/Kg		05/31/24 16:16	06/02/24 03:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				05/31/24 16:16	06/02/24 03:54	1
o-Terphenyl	99		70 - 130				05/31/24 16:16	06/02/24 03:54	1

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride 1020 4.98 mg/Kg 06/01/24 09:22 Client Sample ID: CS-48 (4.5') Lab Sample ID: 880-44158-18

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/03/24 01:05	1
Toluene	< 0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/03/24 01:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/03/24 01:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/02/24 14:57	06/03/24 01:05	1
o-Xylene	< 0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/03/24 01:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/02/24 14:57	06/03/24 01:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/02/24 14:57	06/03/24 01:05	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/02/24 14:57	06/03/24 01:05	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/03/24 01:05	1
Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/02/24 04:09	1

Analyzed

05/31/24 16:16 06/02/24 04:09

Prepared

RL

49.8

MDL Unit

mg/Kg

Result Qualifier

<49.8 U

Matrix: Solid

Dil Fac

Analyte

(GRO)-C6-C10

Gasoline Range Organics

Job ID: 880-44158-1 SDG: Lea Co. NM

Client: Carmona Resources
Project/Site: Paduca Main

Client Sample ID: CS-48 (4.5')

Lab Sample ID: 880-44158-18

. Matrix: Solid

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/02/24 04:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/02/24 04:09	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:16	06/02/24 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				05/31/24 16:16	06/02/24 04:09	1
o-Terphenyl	86		70 - 130				05/31/24 16:16	06/02/24 04:09	1
Method: EPA 300.0 - Anions,	Ion Chroma	tography -	Soluble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
· ······· y · · ·									

Client Sample ID: CS-49 (4.5')

Lab Sample ID: 880-44158-19

Date Collected: 05/31/24 00:00 Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/03/24 01:26	
Toluene	< 0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/03/24 01:26	
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/03/24 01:26	1
m-Xylene & p-Xylene	< 0.00396	U	0.00396		mg/Kg		06/02/24 14:57	06/03/24 01:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 14:57	06/03/24 01:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/02/24 14:57	06/03/24 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				06/02/24 14:57	06/03/24 01:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/02/24 14:57	06/03/24 01:26	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	tion						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did	_	Organics (mg/Kg			06/03/24 01:26	•
Total BTEX Method: SW846 8015 NM - Did	esel Range (Organics (DRO) (GC)	MDI		n	Prepared		Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte	esel Range (Organics (Qualifier		MDL		<u>D</u>	Prepared	06/03/24 01:26 Analyzed 06/02/24 04:26	
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH	esel Range (Result <49.9	Organics (Qualifier	DRO) (GC) RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did	esel Range (Result <49.9	Organics (Qualifier U	DRO) (GC) RL 49.9		Unit mg/Kg			Analyzed 06/02/24 04:26	1
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E Analyte	esel Range (Result <49.9 Diesel Range Result	Organics (Qualifier U Organics Qualifier Qualifier	DRO) (GC) RL 49.9 (DRO) (GC) RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/02/24 04:26 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics	esel Range (Result <49.9	Organics (Qualifier U Organics Qualifier Qualifier	DRO) (GC) RL 49.9		Unit mg/Kg		Prepared	Analyzed 06/02/24 04:26	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	Result 49.9 Diesel Range Result 49.9 49.9	Organics (Qualifier U Organics Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 05/31/24 16:16	Analyzed 06/02/24 04:26 Analyzed 06/02/24 04:26	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range (Result <49.9 Diesel Range Result	Organics (Qualifier U Organics Qualifier U	DRO) (GC) RL 49.9 (DRO) (GC) RL		Unit mg/Kg		Prepared 05/31/24 16:16	Analyzed 06/02/24 04:26 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result 49.9 Diesel Range Result 49.9 49.9	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 04:26 Analyzed 06/02/24 04:26	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.9 Clesel Range Result <49.9 <49.9 <49.9	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 04:26 Analyzed 06/02/24 04:26 06/02/24 04:26	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	esel Range (Result <49.9 Diesel Range (Result <49.9) Result <49.9 <49.9	Organics (Qualifier U Organics Qualifier U U U	DRO) (GC) RL 49.9 6 (DRO) (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16	Analyzed 06/02/24 04:26 Analyzed 06/02/24 04:26 06/02/24 04:26 06/02/24 04:26	Dil Fac
Total BTEX Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	Piesel Range (Result 49.9) Diesel Range (Result 49.9) August (August 19.9) 449.9 449.9 449.9 449.9 449.9 449.9	Organics (Qualifier U Organics Qualifier U U U	DRO) (GC) RL 49.9 6 (DRO) (GC) RL 49.9 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16 05/31/24 16:16 Prepared	Analyzed 06/02/24 04:26 Analyzed 06/02/24 04:26 06/02/24 04:26 06/02/24 04:26 06/02/24 04:26	1 Dil Face 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44158-1 SDG: Lea Co. NM

Client Sample ID: CS-49 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-19

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	1160		4.97		mg/Kg			06/01/24 09:34	1		

Client Sample ID: CS-50 (4.5')

Lab Sample ID: 880-44158-20

Matrix: Solid

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/03/24 01:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/03/24 01:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/03/24 01:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/03/24 01:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/02/24 14:57	06/03/24 01:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 14:57	06/03/24 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				06/02/24 14:57	06/03/24 01:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 14:57	06/03/24 01:46	1

Me	ethod: TAL SOP Total BTEX -	Total BTE	X Calculati	ion						
An	alyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tot	al BTEX	<0.00402	U	0.00402		mg/Kg			06/03/24 01:46	1

Method: SW846 8015 NM - Dies	sel Range Organics (D)RO) (GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			06/02/24 04:41	1

Method: SW846 8015B NM - [Diesel Range	e 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		05/31/24 16:16	06/02/24 04:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/02/24 04:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/02/24 04:41	1
Total TPH	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/02/24 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/31/24 16:16	06/02/24 04:41	1
o-Terphenyl	91		70 - 130				05/31/24 16:16	06/02/24 04:41	1

 Method: EPA 300.0 - Anions, Io	on Chromat	tography -	Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1340		5.02		mg/Kg			06/01/24 09:41	1

Lab Sample ID: 880-44158-21 Client Sample ID: CS-51 (4.5') Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Method: SW846 8021B - Volatile Organic Compounds (GC)											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Benzene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 18:20	1		
Toluene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 18:20	1		

Client Sample ID: CS-51 (4.5')

Lab Sample ID: 880-44158-21

Date Collected: 05/31/24 00:00 Matrix: Solid
Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 18:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/02/24 15:00	06/02/24 18:20	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 18:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/02/24 15:00	06/02/24 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/02/24 15:00	06/02/24 18:20	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 15:00	06/02/24 18:20	1
Method: TAL SOP Total BT	EY - Total RTE	Y Calculat	ion						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/02/24 18:20	1
- Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)						
Analyte	_	Qualifier	, RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/01/24 22:47	1
	- Diosal Pango	Organics	(DRO) (GC)						
MELLIOU. 344040 00 13D MIN	- Diesei Naiiut	, Oruanics							

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/01/24 22:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		05/31/24 16:20	06/01/24 22:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/01/24 22:47	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/01/24 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				05/31/24 16:20	06/01/24 22:47	1
o-Terphenyl	109		70 - 130				05/31/24 16:20	06/01/24 22:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1400		5.02		mg/Kg			06/01/24 01:39	1	

Client Sample ID: CS-52 (4.5')

Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 18:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 18:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 18:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 15:00	06/02/24 18:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 18:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 15:00	06/02/24 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/02/24 15:00	06/02/24 18:40	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 15:00	06/02/24 18:40	1

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Client Sample ID: CS-52 (4.5') Lab Sample ID: 880-44158-22

Date Collected: 05/31/24 00:00 Matrix: Solid Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/02/24 18:40	1
Method: SW846 8015 NM - Die	esel Range (Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/01/24 23:35	1
Method: SW846 8015B NM - D	Diesel Range	organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/01/24 23:35	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/01/24 23:35	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/01/24 23:35	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/01/24 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				05/31/24 16:20	06/01/24 23:35	1
o-Terphenyl	90		70 - 130				05/31/24 16:20	06/01/24 23:35	1

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Chloride 1400 5.02 mg/Kg 06/01/24 01:55 Client Sample ID: CS-53 (4.5') Lab Sample ID: 880-44158-23

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 19:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 19:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 19:01	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/02/24 15:00	06/02/24 19:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 19:01	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/02/24 15:00	06/02/24 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/02/24 15:00	06/02/24 19:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/02/24 15:00	06/02/24 19:01	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/02/24 19:01	1
Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/01/24 23:50	1

Eurofins Midland

05/31/24 16:20 06/01/24 23:50

49.9

mg/Kg

<49.9 U

Matrix: Solid

Gasoline Range Organics

(GRO)-C6-C10

Client: Carmona Resources Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: CS-53 (4.5') Lab Sample ID: 880-44158-23

Date Collected: 05/31/24 00:00 Matrix: Solid Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/01/24 23:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/01/24 23:50	1
Total TPH	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/01/24 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				05/31/24 16:20	06/01/24 23:50	1
o-Terphenyl	110		70 - 130				05/31/24 16:20	06/01/24 23:50	1

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 1200 5.02 06/01/24 02:01 **Chloride** mg/Kg

Client Sample ID: CS-54 (4.5') Lab Sample ID: 880-44158-24 Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/02/24 15:00	06/02/24 19:21	1
Toluene	< 0.00202	U	0.00202		mg/Kg		06/02/24 15:00	06/02/24 19:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/02/24 15:00	06/02/24 19:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/02/24 15:00	06/02/24 19:21	1
o-Xylene	< 0.00202	U	0.00202		mg/Kg		06/02/24 15:00	06/02/24 19:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/02/24 15:00	06/02/24 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/02/24 15:00	06/02/24 19:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/02/24 15:00	06/02/24 19:21	1
Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Pocult	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Allalyte	Result	Qualifier	IXL	IVIDE	Oilit		ricparca	7 tildiy 20 d	
Total BTEX	<0.00404		0.00404	WIDE	mg/Kg	_ =	Tropulcu	06/02/24 19:21	1
Total BTEX	<0.00404	U	0.00404	WIDE					
	<0.00404 esel Range (U	0.00404				Prepared		
Total BTEX Method: SW846 8015 NM - Di	<0.00404 esel Range (U Organics (0.00404 DRO) (GC)		mg/Kg	_ =	<u> </u>	06/02/24 19:21	1
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH	<0.00404 esel Range (Result	Organics (Qualifier	0.00404 DRO) (GC) RL 49.9		mg/Kg	_ =	<u> </u>	06/02/24 19:21 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte	<0.00404 esel Range (Result 723 Diesel Range	Organics (Qualifier	0.00404 DRO) (GC) RL 49.9		mg/Kg Unit mg/Kg	_ =	<u> </u>	06/02/24 19:21 Analyzed	1 Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - E	<0.00404 esel Range (Result 723 Diesel Range	Organics (Qualifier Organics Qualifier Qualifier	0.00404 DRO) (GC) RL 49.9 (DRO) (GC)	MDL	mg/Kg Unit mg/Kg	<u></u> <u></u>	Prepared	06/02/24 19:21 Analyzed 06/02/24 00:07 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00404 esel Range (Result 723 Diesel Range Result	Organics (Qualifier Organics Qualifier Qualifier	0.00404 DRO) (GC) RL 49.9 (DRO) (GC) RL	MDL	mg/Kg Unit mg/Kg Unit	<u></u> <u></u>	Prepared Prepared 05/31/24 16:20	06/02/24 19:21 Analyzed 06/02/24 00:07 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - I Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00404 esel Range (Result 723 Diesel Range Result resel Range	Organics (Qualifier Organics Qualifier U	0.00404 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg	<u></u> <u></u>	Prepared Prepared 05/31/24 16:20 05/31/24 16:20	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07	Dil Fac Dil Fac
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00404 esel Range (Result 723 Diesel Range Result <	Organics (Qualifier Organics Qualifier U	0.00404 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg	<u></u> <u></u>	Prepared Prepared 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07	Dil Fac Dil Fac 1
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - Di Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	<0.00404 esel Range (Result 723) Diesel Range Result <49.9	Organics (Qualifier Organics Qualifier U	0.00404 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u></u> <u></u>	Prepared Prepared 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 06/02/24 00:07 06/02/24 00:07	Dil Fac 1 Dil Fac 1 1 1 1
Total BTEX Method: SW846 8015 NM - Di Analyte Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics (GRO)-C6-C10	<0.00404 esel Range (Result 723) Diesel Range Result <49.9 723 <49.9 723	Organics (Qualifier Organics Qualifier U	0.00404 DRO) (GC) RL 49.9 (DRO) (GC) RL 49.9 49.9 49.9 49.9	MDL	mg/Kg Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg	<u></u> <u></u>	Prepared Prepared 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20 Prepared	Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 Analyzed 06/02/24 00:07 06/02/24 00:07 06/02/24 00:07	Dil Fac 1 Dil Fac 1 1 1 1

Client: Carmona Resources
Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: CS-54 (4.5')
Date Collected: 05/31/24 00:00

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Lab Sample ID: 880-44158-24
Matrix: Solid

Date Received: 05/31/24 15:15

 Analyte Chloride
 Result 5960
 Qualifier South

Lab Sample ID: 880-44158-25

Matrix: Solid

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 19:42	1
Toluene	< 0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 19:42	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 19:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/02/24 15:00	06/02/24 19:42	1
o-Xylene	0.00572		0.00199		mg/Kg		06/02/24 15:00	06/02/24 19:42	1
Xylenes, Total	0.00572		0.00398		mg/Kg		06/02/24 15:00	06/02/24 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/02/24 15:00	06/02/24 19:42	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 15:00	06/02/24 19:42	1

Method: TAL SOP Total BTEX -	- Total BTEX Calculati	on					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00572	0.00398	mg/Kg			06/02/24 19:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
	Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac		
	Total TPH	<50.0 U	50.0	mg/Kg			06/02/24 00:23	1		

Method: SW846 8015B NM - D	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		05/31/24 16:20	06/02/24 00:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/02/24 00:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/02/24 00:23	1
Total TPH	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/02/24 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				05/31/24 16:20	06/02/24 00:23	1

	o-Terphenyl	99		70 - 130				05/31/24 16:20	06/02/24 00:23	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	2480		25.1		mg/Kg			06/01/24 02:11	5

Client Sample ID: SW-9 (3.0')

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-26

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		06/02/24 15:00	06/02/24 20:02	1	
	Toluene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 20:02	1	

Eurofins Midland

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Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM Client Sample ID: SW-9 (3.0')

Lab Sample ID: 880-44158-26 **Matrix: Solid**

06/02/24 00:40

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Total TPH

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 20:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/02/24 15:00	06/02/24 20:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 20:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/02/24 15:00	06/02/24 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				06/02/24 15:00	06/02/24 20:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130				06/02/24 15:00	06/02/24 20:02	1

Method: TAL SOP Total BTEX	- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/02/24 20:02	1
Method: SW846 8015 NM - Die Analyte	_	Organics (Qualifier	DRO) (GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fac

50.1

mg/Kg

<50.1 U

Method: SW846 8015B NM - D Analyte	_	Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
				INDL		_ =			Dil i ac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/31/24 16:20	06/02/24 00:40	1
Diesel Range Organics (Over	<50.1	U	50.1		mg/Kg		05/31/24 16:20	06/02/24 00:40	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/31/24 16:20	06/02/24 00:40	1
Total TPH	<50.1	U	50.1		mg/Kg		05/31/24 16:20	06/02/24 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/31/24 16:20	06/02/24 00:40	1
o-Terphenyl	90		70 - 130				05/31/24 16:20	06/02/24 00:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac			
Chloride	129	5.04	mg/Kg			06/01/24 02:28	1			

Lab Sample ID: 880-44158-27 Client Sample ID: SW-10 (1.5') Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 20:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 20:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 20:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/02/24 15:00	06/02/24 20:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 20:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/02/24 15:00	06/02/24 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				06/02/24 15:00	06/02/24 20:23	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/02/24 15:00	06/02/24 20:23	1

Client Sample ID: SW-10 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15 Lab Sample ID: 880-44158-27

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/02/24 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit)	Prepared	Analyzed	Dil Fac	
Total TPH	<49.5	U	49.5		ma/Ka			06/02/24 00:55	1	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.5	U	49.5		mg/Kg		05/31/24 16:20	06/02/24 00:55	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.5	U	49.5		mg/Kg		05/31/24 16:20	06/02/24 00:55	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		05/31/24 16:20	06/02/24 00:55	1
Total TPH	<49.5	U	49.5		mg/Kg		05/31/24 16:20	06/02/24 00:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	05/31/24 16:20	06/02/24 00:55	1
o-Terphenyl	84		70 - 130	05/31/24 16:20	06/02/24 00:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155	5.03	mg/Kg			06/01/24 02:33	1

Client Sample ID: SW-11 (1.5')

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-28

Matrix: Solid

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

method. Offoro our in	name organie	Compoun	as (55)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 20:43	1
Toluene	< 0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 20:43	1
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 20:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 15:00	06/02/24 20:43	1
o-Xylene	< 0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 20:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 15:00	06/02/24 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1 Promofluorobonzono (Surr)	101		70 120				06/02/24 15:00	06/02/24 20:42	

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyz	ed Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	06/02/24 15:00 06/02/24 2	20:43 1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/02/24 15:00 06/02/24 2	20:43 1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL Uni	t D)	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/	Kg			06/02/24 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	<49.6	U	49.6		ma/Ka			06/02/24 01:13	1	

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.6	U	49.6		mg/Kg		05/31/24 16:20	06/02/24 01:13	1

(GRO)-C6-C10

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: SW-11 (1.5') Lab Sample ID: 880-44158-28 Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Method: SW846 8015B NM - I Analyte		Qualifier	RL	(Contini MDL		D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.6		49.6		mg/Kg	_ =	05/31/24 16:20		1
C10-C28)									•
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/31/24 16:20	06/02/24 01:13	1
Total TPH	<49.6	U	49.6		mg/Kg		05/31/24 16:20	06/02/24 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				05/31/24 16:20	06/02/24 01:13	1
o-Terphenyl	80		70 - 130				05/31/24 16:20	06/02/24 01:13	1
- Method: EPA 300.0 - Anions,	Ion Chroma	tography -	- Soluble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allalyte									

Lab Sample ID: 880-44158-29 Client Sample ID: SW-12 (1.5')

Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/02/24 15:00	06/02/24 21:04	
Toluene	< 0.00202	U	0.00202		mg/Kg		06/02/24 15:00	06/02/24 21:04	•
Ethylbenzene	< 0.00202	U	0.00202		mg/Kg		06/02/24 15:00	06/02/24 21:04	•
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/02/24 15:00	06/02/24 21:04	
o-Xylene	< 0.00202	U	0.00202		mg/Kg		06/02/24 15:00	06/02/24 21:04	•
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/02/24 15:00	06/02/24 21:04	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	104		70 - 130				06/02/24 15:00	06/02/24 21:04	
1,4-Difluorobenzene (Surr)	91		70 - 130				06/02/24 15:00	06/02/24 21:04	1
Method: TAL SOP Total BTEX	- Total BTF	X Calculat	ion						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Di	_	Organics (mg/Kg			06/02/24 21:04	
Method: SW846 8015 NM - Di	esel Range (MDL			Prepared	06/02/24 21:04 Analyzed	
Method: SW846 8015 NM - Di Analyte	esel Range (Organics (Qualifier	DRO) (GC)	MDL		D	Prepared		Dil Fac
Total BTEX Method: SW846 8015 NM - Dic Analyte Total TPH Method: SW846 8015B NM - D	esel Range (Result <49.6	Organics (Qualifier U	DRO) (GC) RL 49.6	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - E	esel Range (Result <49.6	Organics (Qualifier U	DRO) (GC) RL 49.6	MDL	Unit mg/Kg		Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics	esel Range (Result <49.6	Organics (Qualifier U Organics Qualifier Qualifier	DRO) (GC) RL 49.6 (DRO) (GC)		Unit mg/Kg		<u> </u>	Analyzed 06/02/24 01:28	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10	esel Range (Result <49.6 Diesel Range (Result	Organics (Qualifier U Organics Qualifier U	DRO) (GC) RL 49.6 (DRO) (GC) RL		Unit mg/Kg		Prepared 05/31/24 16:20	Analyzed 06/02/24 01:28 Analyzed	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range (Result <49.6 Diesel Range Result <49.6	Organics (Qualifier U Organics Qualifier U	DRO) (GC) RL 49.6 (DRO) (GC) RL 49.6		Unit mg/Kg		Prepared 05/31/24 16:20	Analyzed 06/02/24 01:28 Analyzed 06/02/24 01:28	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range (Result <49.6 Diesel Range Result <49.6	Organics (Qualifier U Organics Qualifier U U	DRO) (GC) RL 49.6 (DRO) (GC) RL 49.6		Unit mg/Kg		Prepared 05/31/24 16:20 05/31/24 16:20	Analyzed 06/02/24 01:28 Analyzed 06/02/24 01:28	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <49.6 Clesel Range Result <49.6 <49.6 <49.6	Organics (Qualifier U Organics Qualifier U U U U	DRO) (GC) RL 49.6 (DRO) (GC) RL 49.6 49.6		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20	Analyzed 06/02/24 01:28 Analyzed 06/02/24 01:28 06/02/24 01:28	Dil Fac
Method: SW846 8015 NM - Did Analyte Total TPH Method: SW846 8015B NM - Did Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	esel Range (Result (49.6) Diesel Range (Result (49.6) (49.6) (49.6)	Organics (Qualifier U Organics Qualifier U U U U	DRO) (GC) RL 49.6 (DRO) (GC) RL 49.6 49.6 49.6		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20	Analyzed 06/02/24 01:28 Analyzed 06/02/24 01:28 06/02/24 01:28 06/02/24 01:28	Dil Fac
Method: SW846 8015 NM - Di Analyte	Result <49.6	Organics (Qualifier U Organics Qualifier U U U U	DRO) (GC) RL 49.6 (DRO) (GC) RL 49.6 49.6 49.6 49.6 49.6		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20	Analyzed 06/02/24 01:28 Analyzed 06/02/24 01:28 06/02/24 01:28 06/02/24 01:28 06/02/24 01:28 Analyzed	Dil Fac

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44158-1 SDG: Lea Co. NM

Client Sample ID: SW-12 (1.5') Lab Sample ID: 880-44158-29 Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble											
Analyte	Result C	Qualifier	RL MD	L Unit	D	Prepared	Analyzed	Dil Fac			
Chloride	152		5.02	mg/Kg			06/01/24 02:44	1			

Client Sample ID: SW-13 (1.5') Lab Sample ID: 880-44158-30 Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 21:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 21:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 21:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/02/24 15:00	06/02/24 21:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 21:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/02/24 15:00	06/02/24 21:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/02/24 15:00	06/02/24 21:24	1
1,4-Difluorobenzene (Surr)	85		70 - 130				06/02/24 15:00	06/02/24 21:24	1

Method: TAL SOP Total BTEX -	· Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/02/24 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	<49.7 U	49.7	mg/Kg			06/02/24 01:46	1				

Method: SW846 8015B NM - D	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		05/31/24 16:20	06/02/24 01:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/31/24 16:20	06/02/24 01:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/31/24 16:20	06/02/24 01:46	1
Total TPH	<49.7	U	49.7		mg/Kg		05/31/24 16:20	06/02/24 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

١	o-Terphenyl 	63	70 - 130	03/31/24 10.20	00/02/24 01.40	1	
	1-Chlorooctane	82 83	70 - 130 70 - 130	05/31/24 16:20 05/31/24 16:20		1	
		- 					

Method: EPA 300.0 - Anions, lo	ວກ Chromatography - S	Soluble					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124	5.02	mg/Kg			06/01/24 02:49	1

Lab Sample ID: 880-44158-31 Client Sample ID: SW-14 (1.5') Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Method: SW846 8021B - Volatile Organic Compounds (GC)											
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Benzene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 22:58	1	
	Toluene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 22:58	1	

Client Sample ID: SW-14 (1.5')

Lab Sample ID: 880-44158-31

Date Collected: 05/31/24 00:00 Matrix: Solid

Date Received: 05/31/24 15:15

Method: SW846 8021B - Ve	•								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 22:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/02/24 15:00	06/02/24 22:58	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/02/24 22:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/02/24 15:00	06/02/24 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/02/24 15:00	06/02/24 22:58	1
1,4-Difluorobenzene (Surr) Method: TAL SOP Total B1	94 FEX - Total BTE	X Calculat	70 - 130 ion				06/02/24 15:00	06/02/24 22:58	1
• ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′		X Calculat					06/02/24 15:00	06/02/24 22:58	1
Method: TAL SOP Total Bl Analyte	TEX - Total BTE	Qualifier	ion RL	MDL	Unit ma/Ka	<u>D</u>	06/02/24 15:00 Prepared	Analyzed	,
Method: TAL SOP Total B	ΓEX - Total BTE	Qualifier	ion	MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total Bl Analyte	TEX - Total BTE Result <0.00398	Qualifier U	ion RL 0.00398	MDL		<u>D</u>		Analyzed	,
Method: TAL SOP Total BT Analyte Total BTEX	TEX - Total BTE Result <0.00398 Diesel Range 0	Qualifier U	ion RL 0.00398	MDL MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM -	TEX - Total BTE Result <0.00398 Diesel Range 0	Qualifier U Organics (Qualifier	ion RL 0.00398		mg/Kg	=	Prepared	Analyzed 06/02/24 22:58	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte	rex - Total BTE Result <0.00398 Diesel Range (Result <49.7	Qualifier U Organics (Qualifier U	DRO) (GC) RL 49.7		mg/Kg	=	Prepared	Analyzed 06/02/24 22:58 Analyzed	Dil Fac
Method: TAL SOP Total BT Analyte Total BTEX Method: SW846 8015 NM - Analyte Total TPH	FEX - Total BTE Result <0.00398 Diesel Range Result <49.7 I - Diesel Range	Qualifier U Organics (Qualifier U	DRO) (GC) RL 49.7		mg/Kg Unit mg/Kg	=	Prepared	Analyzed 06/02/24 22:58 Analyzed	,

Method: SW846 8015B NM - L	Diesel Range	e Organics	6 (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		05/31/24 16:20	06/02/24 02:18	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/31/24 16:20	06/02/24 02:18	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/31/24 16:20	06/02/24 02:18	1
Total TPH	<49.7	U	49.7		mg/Kg		05/31/24 16:20	06/02/24 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				05/31/24 16:20	06/02/24 02:18	1
o-Terphenyl	98		70 - 130				05/31/24 16:20	06/02/24 02:18	1

Met	Method: EPA 300.0 - Anions, Ion Chromatography - Soluble											
Ana	lyte F	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chlo	oride	173		4.97		mg/Kg			06/01/24 02:55	1		

Client Sample ID: SW-15 (1.5')

Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 23:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 23:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 23:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/02/24 15:00	06/02/24 23:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 23:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/02/24 15:00	06/02/24 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/02/24 15:00	06/02/24 23:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/02/24 15:00	06/02/24 23:18	1

Eurofins Midland

2

3

5

7

9

11

16

1 4

Chloride

Analyte

(GRO)-C6-C10

Gasoline Range Organics

Job ID: 880-44158-1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: SW-15 (1.5') Lab Sample ID: 880-44158-32

Date Collected: 05/31/24 00:00 Matrix: Solid Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/02/24 23:18	1
Method: SW846 8015 NM - Di	esel Range (Organics (DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/02/24 02:33	1
- Method: SW846 8015B NM - D	Diesel Range	Organics	(DRO) (GC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 02:33	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 02:33	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 02:33	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/31/24 16:20	06/02/24 02:33	1
o-Terphenyl	91		70 - 130				05/31/24 16:20	06/02/24 02:33	1
Method: EPA 300.0 - Anions,	Ion Chromat	tography -	Soluble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

4.97 Lab Sample ID: 880-44158-33 Client Sample ID: SW-16 (1.5')

mg/Kg

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Result Qualifier

<49.8 U

118

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 23:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 23:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 23:38	1
m-Xylene & p-Xylene	< 0.00397	U	0.00397		mg/Kg		06/02/24 15:00	06/02/24 23:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/02/24 23:38	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/02/24 15:00	06/02/24 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/02/24 15:00	06/02/24 23:38	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/02/24 15:00	06/02/24 23:38	1
Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/02/24 23:38	1
Method: SW846 8015 NM -	Diesel Range	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/02/24 02:50	1

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Analyzed

RL

49.8

MDL Unit

mg/Kg

D

Prepared

05/31/24 16:20 06/02/24 02:50

06/01/24 03:11

Matrix: Solid

Dil Fac

06/01/24 03:17

Matrix: Solid

SDG: Lea Co. NM

Client Sample ID: SW-16 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-44158-33

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 02:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 02:50	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				05/31/24 16:20	06/02/24 02:50	1
o-Terphenyl	89		70 - 130				05/31/24 16:20	06/02/24 02:50	1
Method: EPA 300.0 - Anions,	Ion Chromat	tography -	Soluble						
1110tiloui = 7 t 300.0 - Alliolio,		LOG: WPITY							

Client Sample ID: SW-17 (1.5') Lab Sample ID: 880-44158-34

4.97

mg/Kg

mg/Kg

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Chloride

175

<49.9 U

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 23:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 23:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 23:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 15:00	06/02/24 23:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/02/24 23:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 15:00	06/02/24 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				06/02/24 15:00	06/02/24 23:59	1
1,4-Difluorobenzene (Surr)	84		70 - 130				06/02/24 15:00	06/02/24 23:59	1
- Method: TAL SOP Total BT	EX - Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/02/24 23:59	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/02/24 23:59	1
Mark at OWO 40 CO45 NM Bir	aal Damma (.	DDO\ (00\						

Method: SW846 8015 NM - D	iesei Kange (טrganics (ט	RO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/02/24 03:06	1
Method: SW846 8015B NM -	_	Organics (DRO) (GC)	MDL	Unit	D	Prepared	Analvzed	Dil Fac
						_ =			
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/02/24 03:06	1
(GRO)-C6-C10									•

o-Terphenyl	98		70 - 130		05/31/24 16:20	06/02/24 03:06	1
1-Chlorooctane	98		70 - 130		05/31/24 16:20	06/02/24 03:06	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg	05/31/24 16:20	06/02/24 03:06	1
C10-C28) Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	05/31/24 16:20	06/02/24 03:06	1

49.9

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05/31/24 16:20 06/02/24 03:06

Diesel Range Organics (Over

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44158-1 SDG: Lea Co. NM

Client Sample ID: SW-17 (1.5')

Lab Sample ID: 880-44158-34

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Matrix: Solid

Method: EPA 300.0 - Anions, lo	on Chromat	ography -	Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		5.02		mg/Kg			06/01/24 03:33	1

Lab Sample ID: 880-44158-35 Client Sample ID: SW-18 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac Benzene <0.00201 U 06/02/24 15:00 06/03/24 00:19 0.00201 mg/Kg Toluene <0.00201 U 0.00201 06/02/24 15:00 06/03/24 00:19 mg/Kg Ethylbenzene 0.00201 mg/Kg <0.00201 U 06/02/24 15:00 06/03/24 00:19 m-Xylene & p-Xylene <0.00402 U 0.00402 mg/Kg 06/02/24 15:00 06/03/24 00:19 o-Xylene <0.00201 U 0.00201 mg/Kg 06/02/24 15:00 06/03/24 00:19 Xylenes, Total <0.00402 U 0.00402 mg/Kg 06/02/24 15:00 06/03/24 00:19 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 94 70 - 130 06/02/24 15:00 06/03/24 00:19 1,4-Difluorobenzene (Surr) 87 70 - 130 06/02/24 15:00 06/03/24 00:19

Method: TAL SOP Total BTEX	- Total BTE	X Calculat	tion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/03/24 00:19	1

Method: SW846 8015 NM - Dies	sel Range C	Organics (I	DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	n	ng/Kg			06/02/24 03:22	1

Method: SW846 8015B NM - D	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		05/31/24 16:20	06/02/24 03:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/02/24 03:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/02/24 03:22	1
Total TPH	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/02/24 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

	-		-	-	
1-Chlorooctane	97	70 - 130	05/31/24 16:20	06/02/24 03:22	1
o-Terphenyl	99	70 - 130	05/31/24 16:20	06/02/24 03:22	1
_	1	Ontoble			

Method: EPA 300.0 - Anions, Id	on Chromato	graphy - Soluble						
Analyte	Result Q	Qualifier RI	. MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	163	4.99		mg/Kg			06/01/24 03:39	1

Client Sample ID: SW-19 (4.5') Lab Sample ID: 880-44158-36 Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Method: SW846 8021B - Volati	le Organic	Compound	ds (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/03/24 00:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/03/24 00:40	1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: SW-19 (4.5') Lab Sample ID: 880-44158-36

Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/03/24 00:40	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/02/24 15:00	06/03/24 00:40	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/02/24 15:00	06/03/24 00:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/02/24 15:00	06/03/24 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				06/02/24 15:00	06/03/24 00:40	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/02/24 15:00	06/03/24 00:40	1
Method: TAL SOP Total BTEX	(- Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/03/24 00:40	1
Method: SW846 8015 NM - Di	esel Range (Organics (DROL(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	
Analyte Total TPH		Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 06/02/24 03:37	
Total TPH Method: SW846 8015B NM - [Result <50.0	Qualifier U Organics	RL 50.0 (DRO) (GC)		mg/Kg	_ =	<u> </u>	06/02/24 03:37	1
Total TPH	Result <50.0 Diesel Range Result	Qualifier U Organics Qualifier	50.0 (DRO) (GC) RL	MDL MDL	mg/Kg	<u>D</u>	Prepared	06/02/24 03:37 Analyzed	1
Total TPH Method: SW846 8015B NM - [Result <50.0	Qualifier U Organics Qualifier	RL 50.0 (DRO) (GC)		mg/Kg	_ =	<u> </u>	06/02/24 03:37	1 Dil Fac
Total TPH Method: SW846 8015B NM - E Analyte Gasoline Range Organics	Result <50.0 Diesel Range Result	Qualifier U Organics Qualifier U	50.0 (DRO) (GC) RL		mg/Kg Unit	_ =	Prepared	06/02/24 03:37 Analyzed 06/02/24 03:37	1 Dil Fac
Method: SW846 8015B NM - DAMAINTERS CONTROL OF THE	Result <50.0 Ciesel Range Result <50.0	Qualifier U Organics Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg Unit mg/Kg	_ =	Prepared 05/31/24 16:20	06/02/24 03:37 Analyzed 06/02/24 03:37	Dil Fac
Method: SW846 8015B NM - DAMAINTERS Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0	Qualifier U Organics Qualifier U U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	_ =	Prepared 05/31/24 16:20 05/31/24 16:20	06/02/24 03:37 Analyzed 06/02/24 03:37 06/02/24 03:37 06/02/24 03:37	1 Dil Fac
Method: SW846 8015B NM - EANalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result <50.0	Qualifier U Organics Qualifier U U U	FRL 50.0 (GC) RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20	06/02/24 03:37 Analyzed 06/02/24 03:37 06/02/24 03:37 06/02/24 03:37	1 Dil Fac
Method: SW846 8015B NM - EANalyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	Result <50.0	Qualifier U Organics Qualifier U U U	FL 50.0 (GC) RL 50.0 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg mg/Kg	_ =	Prepared 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20 05/31/24 16:20	Analyzed 06/02/24 03:37 Analyzed 06/02/24 03:37 06/02/24 03:37 06/02/24 03:37	

	Chloride	158	5.02	mg/Kg	06/01/24 03:44	1
Client Sample ID: SW-20 (3.0')				la	h Sample ID: 880-44158	-37

MDL Unit

Prepared

Analyzed

Dil Fac

Matrix: Solid

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Analyte

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/03/24 01:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/03/24 01:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/03/24 01:00	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/02/24 15:00	06/03/24 01:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/03/24 01:00	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/02/24 15:00	06/03/24 01:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				06/02/24 15:00	06/03/24 01:00	1
1.4-Difluorobenzene (Surr)	96		70 - 130				06/02/24 15:00	06/03/24 01:00	1

Client Sample ID: SW-20 (3.0')

Lab Sample ID: 880-44158-37 Date Collected: 05/31/24 00:00

Matrix: Solid

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			06/03/24 01:00	1
Method: SW846 8015 NM - Die	sel Range (Organics (DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/02/24 03:54	1
Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 03:54	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 03:54	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 03:54	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 03:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				05/31/24 16:20	06/02/24 03:54	1
o-Terphenyl	94		70 - 130				05/31/24 16:20	06/02/24 03:54	1
Method: EPA 300.0 - Anions, I	on Chromat	tography -	Soluble						
Analyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac

Chloride 170 4.98 mg/Kg 06/01/24 03:49 Lab Sample ID: 880-44158-38 Client Sample ID: SW-21 (4.5')

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/03/24 08:28	1
Toluene	< 0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/03/24 08:28	1
Ethylbenzene	< 0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/03/24 08:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/02/24 15:00	06/03/24 08:28	1
o-Xylene	< 0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/03/24 08:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/02/24 15:00	06/03/24 08:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/02/24 15:00	06/03/24 08:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/02/24 15:00	06/03/24 08:28	1
_ Method: TAL SOP Total BT	EX - Total BTE	X Calculat	ion						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/03/24 08:28	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			06/02/24 04:09	1	
Г										

Method: SW846 8015B 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		05/31/24 16:20	06/02/24 04:09	1

Eurofins Midland

Matrix: Solid

Client: Carmona Resources Project/Site: Paduca Main

Date Received: 05/31/24 15:15

Job ID: 880-44158-1 SDG: Lea Co. NM

Client Sample ID: SW-21 (4.5') Lab Sample ID: 880-44158-38 Date Collected: 05/31/24 00:00

Matrix: Solid

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

	•	•	, , ,	•	•				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 04:09	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 04:09	1
Total TPH	<49.8	U	49.8		mg/Kg		05/31/24 16:20	06/02/24 04:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				05/31/24 16:20	06/02/24 04:09	1
o-Terphenyl	97		70 - 130				05/31/24 16:20	06/02/24 04:09	1

Method: EPA 300.0 - Anions, Id	on Chromat	ography -	Soluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		5.00		mg/Kg			06/01/24 03:55	1

Client Sample ID: SW-22 (4.5')

Lab Sample ID: 880-44158-39 Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

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

Method: SW846 8021B -	- volatile Organic	Compound	as (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/03/24 08:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/03/24 08:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/03/24 08:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/02/24 15:00	06/03/24 08:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/02/24 15:00	06/03/24 08:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/02/24 15:00	06/03/24 08:49	1
Surragata	9/ Bassyary	Ouglifier	Limita				Branarad	Analyzad	Dil Ess

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/02/24 15:00	06/03/24 08:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/02/24 15:00	06/03/24 08:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	r	mg/Kg			06/03/24 08:49	1

Method: SW846 8015 NM - D	Diesel Range Organics (DRC) (GC)
Analyto	Popult Qualifier	DI

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/02/24 04:26	1

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

			-/ \ - /						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/02/24 04:26	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/02/24 04:26	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/02/24 04:26	1
Total TPH	<49.9	U	49.9		mg/Kg		05/31/24 16:20	06/02/24 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared Analy	zed Dil Fac
1-Chlorooctane	99		70 - 130	05/31/24 16:20 06/02/24	1 04:26 1
o-Terphenyl	100		70 - 130	05/31/24 16:20 06/02/24	1 04:26 1

Job ID: 880-44158-1 SDG: Lea Co. NM

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-44158-39

Matrix: Solid

Client Sample ID: SW-22 (4.5') Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Method: EPA 300.0 - Anions, le	on Chromate	ography - S	oluble						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		5.03		mg/Kg			06/01/24 04:00	1

Client Sample ID: SW-23 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID	: 880-44158-40
•	Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/03/24 09:09	1
Toluene	< 0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/03/24 09:09	1
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/03/24 09:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/02/24 15:00	06/03/24 09:09	1
o-Xylene	< 0.00201	U	0.00201		mg/Kg		06/02/24 15:00	06/03/24 09:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/02/24 15:00	06/03/24 09:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/02/24 15:00	06/03/24 09:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/02/24 15:00	06/03/24 09:09	1

Method: TAL SOP Total BTEX -	Total BTE	X Calculati	on						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/03/24 09:09	1

Method: SW846 8015 NM - Dies	el Range C	Organics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	m	ng/Kg	 .		06/02/24 04:41	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/02/24 04:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/02/24 04:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/02/24 04:41	1
Total TPH	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/02/24 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/31/24 16:20	06/02/24 04:41	1
o-Terphenyl	88		70 - 130				05/31/24 16:20	06/02/24 04:41	1

Method: EPA 300.0 - Anions, I	on Chromatogra	aphy - Soluble						
Analyte	Result Qual	lifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125	4.97		mg/Kg			06/01/24 04:06	1

Surrogate Summary

Job ID: 880-44158-1 Client: Carmona Resources SDG: Lea Co. NM Project/Site: Paduca Main

Method: 8021B - Volatile Organic Compounds (GC)

Prop Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-44158-1	CS-31 (1.5')	114	95	
880-44158-1 MS	CS-31 (1.5')	104	97	
880-44158-1 MSD	CS-31 (1.5')	103	98	
880-44158-2	CS-32 (1.5')	132 S1+	104	
880-44158-3	CS-33 (1.5')	118	99	
880-44158-4	CS-34 (1.5')	115	96	
880-44158-5	CS-35 (1.5')	122	99	
880-44158-6	CS-36 (1.5')	115	96	
380-44158-7	CS-37 (1.5')	113	96	
880-44158-8	CS-38 (1.5')	115	96	
880-44158-9	CS-39 (1.5')	125	98	
880-44158-10	CS-40 (1.5')	117	98	
880-44158-11	CS-41 (1.5')	118	98	
880-44158-12	CS-42 (1.5')	114	98	
880-44158-13	CS-43 (1.5')	120	99	
880-44158-14	CS-44 (4.5')	124	98	
880-44158-15	CS-45 (4.5')	120	99	
380-44158-16	CS-46 (4.5')	114	97	
880-44158-17	CS-47 (4.5')	119	99	
380-44158-18	CS-48 (4.5')	115	97	
880-44158-19	CS-49 (4.5')			
		116	97	
880-44158-20	CS-50 (4.5')	118	98	
880-44158-21	CS-51 (4.5')	108	98	
880-44158-21 MS	CS-51 (4.5')	114	93	
880-44158-21 MSD	CS-51 (4.5')	115	99	
880-44158-22	CS-52 (4.5')	108	98	
880-44158-23	CS-53 (4.5')	107	96	
380-44158-24	CS-54 (4.5')	108	96	
880-44158-25	CS-55 (4.5')	115	98	
880-44158-26	SW-9 (3.0')	111	95	
380-44158-27	SW-10 (1.5')	116	92	
380-44158-28	SW-11 (1.5')	101	93	
880-44158-29	SW-12 (1.5')	104	91	
880-44158-30	SW-13 (1.5')	106	85	
380-44158-31	SW-14 (1.5')	104	94	
880-44158-32	SW-15 (1.5')	107	97	
880-44158-33	SW-16 (1.5')	106	98	
880-44158-34	SW-17 (1.5')	119	84	
880-44158-35	SW-18 (4.5')	94	87	
380-44158-36	SW-19 (4.5')	113	88	
880-44158-37	SW-20 (3.0')	110	96	
880-44158-38	SW-21 (4.5')	108	97	
880-44158-39	SW-22 (4.5')	108	98	
880-44158-40	SW-23 (4.5')	107	96	
880-44158-A-1-G MS	880-44158-A-1-G MS	125	100	
880-44158-A-1-H MSD	880-44158-A-1-H MSD	104	96	
LCS 880-82119/1-A	Lab Control Sample	103	97	
LCS 880-82120/1-A	Lab Control Sample	104	101	
LCS 880-82124/1-A	Lab Control Sample	103	98	

Surrogate Summary

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

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

Matrix: Solid Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		BFB1	DFBZ1						
Lab Sample ID	Client Sample ID	(70-130)	(70-130)						
LCSD 880-82119/2-A	Lab Control Sample Dup	102	97						
LCSD 880-82120/2-A	Lab Control Sample Dup	104	103						
LCSD 880-82124/2-A	Lab Control Sample Dup	102	97						
MB 880-82119/5-A	Method Blank	107	93						
MB 880-82120/5-A	Method Blank	106	94						
MB 880-82124/5-A	Method Blank	105	91						

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

			Percent Surrogate F	Recovery (Acceptance Limits)
		1001	OTPH1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
80-44158-1	CS-31 (1.5')	103	97	
80-44158-1 MS	CS-31 (1.5')	101	95	
80-44158-1 MSD	CS-31 (1.5')	102	98	
80-44158-2	CS-32 (1.5')	92	85	
80-44158-3	CS-33 (1.5')	122	112	
80-44158-4	CS-34 (1.5')	96	96	
80-44158-5	CS-35 (1.5')	62 S1-	65 S1-	
80-44158-6	CS-36 (1.5')	84	87	
80-44158-7	CS-37 (1.5')	95	101	
80-44158-8	CS-38 (1.5')	100	103	
80-44158-9	CS-39 (1.5')	87	90	
80-44158-10	CS-40 (1.5')	113	107	
80-44158-11	CS-41 (1.5')	98	102	
80-44158-12	CS-42 (1.5')	98	104	
30-44158-13	CS-43 (1.5')	208 S1+	209 S1+	
80-44158-14	CS-44 (4.5')	120	115	
80-44158-15	CS-45 (4.5')	123	112	
80-44158-16	CS-46 (4.5')	113	102	
80-44158-17	CS-47 (4.5')	100	99	
80-44158-18	CS-48 (4.5')	82	86	
80-44158-19	CS-49 (4.5')	86	89	
80-44158-20	CS-50 (4.5')	87	91	
80-44158-21	CS-51 (4.5')	107	109	
80-44158-21 MS	CS-51 (4.5')	112	100	
80-44158-21 MSD	CS-51 (4.5')	113	101	
80-44158-22	CS-52 (4.5')	88	90	
80-44158-23	CS-53 (4.5')	107	110	
80-44158-24	CS-54 (4.5')	95	111	
80-44158-25	CS-55 (4.5')	94	99	
80-44158-26	SW-9 (3.0')	89	90	
80-44158-27	SW-10 (1.5')	82	84	
80-44158-28	SW-11 (1.5')	80	80	
80-44158-29	SW-12 (1.5')	88	90	
80-44158-30	SW-13 (1.5')	82	83	

Surrogate Summary

Client: Carmona Resources

Job ID: 880-44158-1

Project/Site: Paduca Main

SDG: Lea Co. NM

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

Matrix: Solid Prep Type: Total/NA

			Perce	nt Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-44158-31	SW-14 (1.5')	97	98	
880-44158-32	SW-15 (1.5')	89	91	
880-44158-33	SW-16 (1.5')	88	89	
880-44158-34	SW-17 (1.5')	98	98	
880-44158-35	SW-18 (4.5')	97	99	
880-44158-36	SW-19 (4.5')	87	88	
880-44158-37	SW-20 (3.0')	93	94	
880-44158-38	SW-21 (4.5')	97	97	
880-44158-39	SW-22 (4.5')	99	100	
880-44158-40	SW-23 (4.5')	87	88	
LCS 880-82076/2-A	Lab Control Sample	105	104	
LCS 880-82078/2-A	Lab Control Sample	101	112	
LCSD 880-82076/3-A	Lab Control Sample Dup	122	95	
LCSD 880-82078/3-A	Lab Control Sample Dup	108	121	
MB 880-82076/1-A	Method Blank	98	95	
MB 880-82078/1-A	Method Blank	97	98	
Surrogate Legend 1CO = 1-Chlorocotane				
	;			
OTPH = o-Terphenyl				

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-82119/5-A

Matrix: Solid

Analysis Batch: 82122

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 82119

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 17:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 17:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 17:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/02/24 14:57	06/02/24 17:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/02/24 14:57	06/02/24 17:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/02/24 14:57	06/02/24 17:52	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107	70 - 130	06/02/24 14:57	06/02/24 17:52	1
1,4-Difluorobenzene (Surr)	93	70 - 130	06/02/24 14:57	06/02/24 17:52	1

Lab Sample ID: LCS 880-82119/1-A

Matrix: Solid

Analysis Batch: 82122

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 82119

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1099		mg/Kg		110	70 - 130	
Toluene	0.100	0.1021		mg/Kg		102	70 - 130	
Ethylbenzene	0.100	0.1082		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene	0.200	0.2184		mg/Kg		109	70 - 130	
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-82119/2-A

Matrix: Solid

Analysis Batch: 82122

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 82119

	Spike	LCSD LCSD				%Rec		RPD
Analyte	Added	Result Qualifier	r Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1132	mg/Kg		113	70 - 130	3	35
Toluene	0.100	0.1039	mg/Kg		104	70 - 130	2	35
Ethylbenzene	0.100	0.1101	mg/Kg		110	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2219	mg/Kg		111	70 - 130	2	35
o-Xylene	0.100	0.1107	mg/Kg		111	70 - 130	2	35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1.4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-44158-A-1-G MS

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Matrix: Solid

Analysis Batch: 82122

Client Sample ID: 880-44158-A-1-G MS

Prep Type: Total/NA

Prep Batch: 82119

-	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0996	0.09448		mg/Kg		95	70 - 130	
Toluene	< 0.00199	U	0.0996	0.09212		mg/Kg		92	70 - 130	

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QC Sample Results

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

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

Lab Sample ID: 880-44158-A-1-G MS Client Sample ID: 880-44158-A-1-G MS **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 82122

Prep Batch: 82119 MS MS %Rec Sample Sample Spike **Result Qualifier** Added Result Qualifier Unit %Rec Limits Ethylbenzene <0.00199 U 0.0996 0.09766 mg/Kg 98 70 - 130 m-Xylene & p-Xylene <0.00398 U 0.199 0.1997 mg/Kg 100 70 - 130 o-Xylene <0.00199 U 0.0996 0.1010 mg/Kg 101 70 - 130

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	125	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Lab Sample ID: 880-44158-A-1-H MSD Client Sample ID: 880-44158-A-1-H MSD

Matrix: Solid

Analysis Batch: 82122

Prep Type: Total/NA

Prep Batch: 82119

Sample Sample Spike MSD MSD %Rec **RPD** Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit 70 - 130 Benzene <0.00199 U 0.101 0.09684 mg/Kg 96 2 35 Toluene <0.00199 U 0.101 0.08895 88 70 - 130 35 mg/Kg <0.00199 U Ethylbenzene 0.101 0.09011 mg/Kg 89 70 - 130 8 35 m-Xylene & p-Xylene <0.00398 U 0.202 0.1839 mg/Kg 91 70 - 130 35 <0.00199 U 0.101 0.09293 92 o-Xylene mg/Kg 70 - 130

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-82120/5-A

Matrix: Solid

Analysis Batch: 82121

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 82120

MR MR

ı		IVID	IVID							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Benzene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 17:58	1
	Toluene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 17:58	1
	Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 17:58	1
İ	m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/02/24 15:00	06/02/24 17:58	1
	o-Xylene	<0.00200	U	0.00200		mg/Kg		06/02/24 15:00	06/02/24 17:58	1
	Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/02/24 15:00	06/02/24 17:58	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/02/24 15:00	06/02/24 17:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/02/24 15:00	06/02/24 17:58	1

Lab Sample ID: LCS 880-82120/1-A

Matrix: Solid

Analysis Batch: 82121

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

Prep Batch: 82120

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1046		mg/Kg		105	70 - 130	
Toluene	0.100	0.09307		mg/Kg		93	70 - 130	
Ethylbenzene	0.100	0.09485		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	0.200	0.1971		mg/Kg		99	70 - 130	

QC Sample Results

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-82120/1-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Total/NA Analysis Batch: 82121** Prep Batch: 82120 LCS LCS Spike %Rec

Analyte Added Result Qualifier Unit %Rec Limits o-Xylene 0 100 0.09882 mg/Kg 99 70 - 130

LCS LCS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 104 70 - 130 1,4-Difluorobenzene (Surr) 101 70 - 130

Lab Sample ID: LCSD 880-82120/2-A **Client Sample ID: Lab Control Sample Dup Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 82121

Prep Batch: 82120 LCSD LCSD Spike %Rec **RPD** Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Benzene 0.100 0.1195 mg/Kg 119 70 - 130 13 35 Toluene 0.100 0.1066 mg/Kg 107 70 - 130 14 35 Ethylbenzene 0.100 0.1103 mg/Kg 70 - 130 15 35 110 m-Xylene & p-Xylene 0.200 0.2263 113 70 - 130 35 mg/Kg 14 o-Xylene 0.100 0.1119 mg/Kg 112 70 - 130 12 35

LCSD LCSD Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 104 70 - 130 1,4-Difluorobenzene (Surr) 103 70 - 130

Lab Sample ID: 880-44158-21 MS Client Sample ID: CS-51 (4.5') Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 82121

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0996	0.08521		mg/Kg		86	70 - 130	
Toluene	<0.00199	U	0.0996	0.07971		mg/Kg		80	70 - 130	
Ethylbenzene	<0.00199	U	0.0996	0.08367		mg/Kg		84	70 - 130	
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1730		mg/Kg		87	70 - 130	
o-Xylene	<0.00199	U	0.0996	0.08850		mg/Kg		89	70 - 130	

MS MS %Recovery Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 114 1,4-Difluorobenzene (Surr) 70 - 130 93

Lab Sample ID: 880-44158-21 MSD Client Sample ID: CS-51 (4.5') **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 82121									Prep E	Batch: 8	32120
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.101	0.09784		mg/Kg		97	70 - 130	14	35
Toluene	< 0.00199	U	0.101	0.08731		mg/Kg		87	70 - 130	9	35
Ethylbenzene	<0.00199	U	0.101	0.08930		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1869		mg/Kg		93	70 - 130	8	35
o-Xylene	< 0.00199	U	0.101	0.09485		mg/Kg		94	70 - 130	7	35

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Prep Batch: 82120

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44158-1

SDG: Lea Co. NM

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

MSD MSD

Lab Sample ID: 880-44158-21 MSD

Matrix: Solid

Analysis Batch: 82121

Client Sample ID: CS-51 (4.5')

Prep Type: Total/NA

Prep Batch: 82120

%Recovery Qualifier Surrogate 4-Bromofluorobenzene (Surr) 115

70 - 130 1,4-Difluorobenzene (Surr) 99 70 - 130

Client Sample ID: Method Blank Lab Sample ID: MB 880-82124/5-A

Limits

Matrix: Solid

Analysis Batch: 82131

Prep Type: Total/NA

Prep Batch: 82124

мв мв Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Benzene <0.00200 U 0.00200 mg/Kg 06/02/24 17:55 06/03/24 11:52 Toluene <0.00200 U 0.00200 mg/Kg 06/02/24 17:55 06/03/24 11:52 Ethylbenzene <0.00200 U 0.00200 mg/Kg 06/02/24 17:55 06/03/24 11:52 m-Xylene & p-Xylene <0.00400 U 0.00400 mg/Kg 06/02/24 17:55 06/03/24 11:52 o-Xylene <0.00200 U 0.00200 mg/Kg 06/02/24 17:55 06/03/24 11:52 Xylenes, Total <0.00400 U 0.00400 06/02/24 17:55 06/03/24 11:52 mg/Kg

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 70 - 130 06/02/24 17:55 06/03/24 11:52 4-Bromofluorobenzene (Surr) 105 1,4-Difluorobenzene (Surr) 91 70 - 130 06/02/24 17:55 06/03/24 11:52

LCS LCS

0.1090

0.1006

0.1068

0.2137

0.1071

Result Qualifier

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

Spike

Added

0.100

0.100

0.100

0.200

0.100

Lab Sample ID: LCS 880-82124/1-A

Matrix: Solid

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Analysis Batch: 82131

Client Sample ID: Lab Control Sample **Prep Type: Total/NA** Prep Batch: 82124

70 - 130

70 - 130

70 - 130

%Rec %Rec Limits 109 70 - 130 101 70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-82124/2-A

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Matrix: Solid

Analysis Batch: 82131

Client Sample ID: Lab Control Sample Dup

107

107

107

Prep Type: Total/NA Prep Batch: 82124

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09595		mg/Kg		96	70 - 130	13	35
Toluene	0.100	0.08851		mg/Kg		89	70 - 130	13	35
Ethylbenzene	0.100	0.09115		mg/Kg		91	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.1850		mg/Kg		93	70 - 130	14	35
o-Xylene	0.100	0.09510		mg/Kg		95	70 - 130	12	35

LCSD LCSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 102 70 - 130

Client: Carmona Resources Job ID: 880-44158-1 SDG: Lea Co. NM Project/Site: Paduca Main

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

Lab Sample ID: LCSD 880-82124/2-A

Matrix: Solid

Analysis Batch: 82131

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 82124

95

95

96

70 - 130

70 - 130

70 - 130

LCSD LCSD

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

Lab Sample ID: 880-44158-1 MS Client Sample ID: CS-31 (1.5') Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 82131

Prep Batch: 82124 Sample Sample Spike MS MS %Rec Limits Result Qualifier Added **Analyte** Result Qualifier Unit %Rec Benzene <0.00199 U 0.0996 0.09896 mg/Kg 99 70 - 130 Toluene <0.00199 U 0.0996 0.08997 mg/Kg 90 70 - 130

Ethylbenzene <0.00199 U 0.0996 0.09477 mg/Kg m-Xylene & p-Xylene <0.00398 U 0.199 0.1894 mg/Kg o-Xylene <0.00199 U 0.0996 0.09560 mg/Kg

MS MS

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

Lab Sample ID: 880-44158-1 MSD Client Sample ID: CS-31 (1.5')

Matrix: Solid

Prep Type: Total/NA **Analysis Batch: 82131** Prep Batch: 82124

MSD MSD %Rec Sample Sample Spike **RPD** Analyte Result Qualifier Added Result Qualifier Unit Limits RPD Limit D %Rec Benzene <0.00199 U 0.101 0.1145 114 70 - 130 35 mg/Kg 15 Toluene <0.00199 U 0.101 0.1051 mg/Kg 104 70 _ 130 16 35 Ethylbenzene <0.00199 U 0.101 0.1115 mg/Kg 111 70 - 130 16 35 m-Xylene & p-Xylene <0.00398 U 0.202 0.2229 111 70 - 130 35 mg/Kg 16 o-Xylene <0.00199 U 0.101 0.1114 mg/Kg 111 70 - 130 15 35

MSD MSD

Surrogate %Recovery Qualifier Limits 70 - 130 4-Bromofluorobenzene (Surr) 103 1,4-Difluorobenzene (Surr) 98 70 - 130

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

Lab Sample ID: MB 880-82076/1-A

Matrix: Solid

Analysis Batch: 82102

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

Prep Batch: 82076

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	Ū	50.0		mg/Kg		05/31/24 16:16	06/01/24 19:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 19:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 19:50	1
Total TPH	<50.0	U	50.0		mg/Kg		05/31/24 16:16	06/01/24 19:50	1

MB MB

MB MB

Qualifier Surrogate %Recovery Limits Prepared Dil Fac Analyzed 05/31/24 16:16 06/01/24 19:50 1-Chlorooctane 98 70 - 130

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Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44158-1 SDG: Lea Co. NM

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

Lab Sample ID: MB 880-82076/1-A

Lab Sample ID: LCS 880-82076/2-A

Lab Sample ID: LCSD 880-82076/3-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 82102

Analysis Batch: 82102

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 82076

MB MB

Limits Surrogate %Recovery Qualifier Prepared Analyzed Dil Fac o-Terphenyl 05/31/24 16:16 06/01/24 19:50 95 70 - 130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 82076

Spike LCS LCS %Rec Added Result Qualifier Analyte Unit %Rec Limits Gasoline Range Organics 1000 1158 mg/Kg 116 70 - 130 (GRO)-C6-C10 1000 1009 101 70 - 130 Diesel Range Organics (Over mg/Kg

C10-C28)

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	104		70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 82076

Spike LCSD LCSD %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Gasoline Range Organics 1000 1070 mg/Kg 107 70 - 130 8 20 (GRO)-C6-C10 1000 875.7 88 70 - 130 14 20 Diesel Range Organics (Over mg/Kg

C10-C28)

o-Terphenyl

Matrix: Solid

Analysis Batch: 82102

LCSD LCSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 122 70 - 130

Lab Sample ID: 880-44158-1 MS Client Sample ID: CS-31 (1.5')

70 - 130

Matrix: Solid

Analysis Batch: 82102

Prep Type: Total/NA Prep Batch: 82076

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <50.0 U 1000 Gasoline Range Organics 827.9 83 70 - 130 mg/Kg (GRO)-C6-C10 mg/Kg Diesel Range Organics (Over <50.0 U 1000 760.9 75 70 - 130

C10-C28)

MS MS

95

Surrogate	%Recovery Quality	fier Limits
1-Chlorooctane	101	70 - 130
o-Terphenyl	95	70 - 130

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

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

Lab Sample ID: 880-44158-1 MSD

Matrix: Solid

Analysis Batch: 82102

Client Sample ID: CS-31 (1.5')

Prep Type: Total/NA

Prep Batch: 82076

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	834.0		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over	<50.0	U	1000	776.4		mg/Kg		76	70 - 130	2	20

C10-C28)

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: MB 880-82078/1-A

Matrix: Solid

Analysis Batch: 82104

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 82078

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/01/24 19:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/01/24 19:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/01/24 19:50	1
Total TPH	<50.0	U	50.0		mg/Kg		05/31/24 16:20	06/01/24 19:50	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/31/24 16:20	06/01/24 19:50	1
o-Terphenyl	98		70 - 130	05/31/24 16:20	06/01/24 19:50	1

Lab Sample ID: LCS 880-82078/2-A

Matrix: Solid

Analysis Batch: 82104

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 82078

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1139		mg/Kg		114	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1198		mg/Kg		120	70 - 130	
C10-C28)								

C10-C28)

	LCS LCS	
Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	101	70 - 130
o-Terphenyl	112	70 - 130

Lab Sample ID: LCSD 880-82078/3-A

Matrix: Solid

Analysis Batch: 82104

Client Sample ID	Lab Control	Sample Dup
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Prep Type: Total/NA Prep Batch: 82078

Alialysis Dalcil. 02 104							Liehr	Jaicii. C	12010
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1192		mg/Kg		119	70 - 130	5	20
Diesel Range Organics (Over	1000	1231		mg/Kg		123	70 - 130	3	20

C10-C28)

Client: Carmona Resources Job ID: 880-44158-1 SDG: Lea Co. NM Project/Site: Paduca Main

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

<49.8 UF1

Lab Sample ID: LCSD 880-82078/3-A

Matrix: Solid

Analysis Batch: 82104

Client Sample ID: Lab Control Sample Dup

69

70 - 130

Prep Type: Total/NA

Prep Batch: 82078

LCSD LCSD %Recovery Qualifier Surrogate

1-Chlorooctane 108 70 - 130 o-Terphenyl 121 70 - 130

Lab Sample ID: 880-44158-21 MS Client Sample ID: CS-51 (4.5') **Prep Type: Total/NA**

Limits

Matrix: Solid

Diesel Range Organics (Over

Analysis Batch: 82104 Prep Batch: 82078 %Rec MS MS Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Gasoline Range Organics <49.8 U 1000 734.1 mg/Kg 73 70 - 130 (GRO)-C6-C10

710.4 F1

mg/Kg

1000

C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 112 70 - 130 70 - 130 o-Terphenyl 100

Lab Sample ID: 880-44158-21 MSD

Analysis Batch: 82104

Matrix: Solid Prep Type: Total/NA

Prep Batch: 82078

Client Sample ID: CS-51 (4.5')

Client Sample ID: Lab Control Sample

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits **RPD** Limit Analyte Unit D %Rec <49.8 U Gasoline Range Organics 1000 744.6 mg/Kg 74 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 <49.8 U F1 718.2 mg/Kg 70 70 - 130 20 C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 113 o-Terphenyl 101 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-82072/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 82082

MB MB

Result Qualifier RL **MDL** Unit Dil Fac Analyte Prepared Analyzed 5.00 Chloride <5.00 U mg/Kg 06/01/24 06:31

Lab Sample ID: LCS 880-82072/2-A

Matrix: Solid

Analysis Batch: 82082

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	 	250	249.1		mg/Kg		100	90 - 110	

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Prep Type: Soluble

Client: Carmona Resources Job ID: 880-44158-1 SDG: Lea Co. NM Project/Site: Paduca Main

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-82072/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 82082

Spike LCSD LCSD %Rec **RPD** Added Result Qualifier Unit %Rec Limits RPD Limit Analyte D Chloride 250 246.0 mg/Kg 98 90 - 110 20

Lab Sample ID: 880-44158-1 MS Client Sample ID: CS-31 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 82082

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Unit D %Rec Limits Analyte 252 90 - 110 Chloride 757 983.7 mg/Kg 90

Lab Sample ID: 880-44158-1 MSD Client Sample ID: CS-31 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 82082

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Added Result Qualifier Limits **RPD** Analyte Unit %Rec Limit Chloride 757 252 991.4 93 90 - 110 20 mg/Kg

Lab Sample ID: 880-44158-11 MS Client Sample ID: CS-41 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 82082

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 462 F1 882.3 F1 Chloride 251 mg/Kg 167 90 - 110

Lab Sample ID: 880-44158-11 MSD Client Sample ID: CS-41 (1.5') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 82082

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit Chloride 462 F1 251 884.9 F1 169 mg/Kg 90 - 110

Lab Sample ID: MB 880-82077/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 82083

MB MB

Result Qualifier **MDL** Unit Analyte RL D Dil Fac Prepared Analyzed 5.00 06/01/24 01:23 Chloride <5.00 U mg/Kg

Lab Sample ID: LCS 880-82077/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 82083

Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit %Rec 250 Chloride 245.2 mg/Kg 98 90 - 110

Lab Sample ID: LCSD 880-82077/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 82083

Released to Imaging: 8/20/2024 3:08:55 PM

Spike LCSD LCSD %Rec **RPD** Added **RPD** Analyte Result Qualifier Unit D %Rec Limits Limit Chloride 250 247.6 mg/Kg 99 90 - 110 20

QC Sample Results

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-44158-21 MS Client Sample ID: CS-51 (4.5') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 82083

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 1400 251 1620 4 mg/Kg 88 90 - 110

Lab Sample ID: 880-44158-21 MSD Client Sample ID: CS-51 (4.5') **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 82083

Sample Sample Spike MSD MSD %Rec **RPD** Result Qualifier Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1400 251 1615 4 90 - 110 Chloride mg/Kg 86 0

Lab Sample ID: 880-44158-31 MS Client Sample ID: SW-14 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 82083

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit %Rec Chloride 173 249 425.0 90 - 110 mg/Kg

Lab Sample ID: 880-44158-31 MSD Client Sample ID: SW-14 (1.5') **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 82083

Spike MSD MSD %Rec **RPD** Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 173 249 425.2 mg/Kg 101 90 - 110

Client: Carmona Resources

Job ID: 880-44158-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA

Prep Batch: 82119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-2	CS-32 (1.5')	Total/NA	Solid	5035	
880-44158-3	CS-33 (1.5')	Total/NA	Solid	5035	
880-44158-4	CS-34 (1.5')	Total/NA	Solid	5035	
880-44158-5	CS-35 (1.5')	Total/NA	Solid	5035	
880-44158-6	CS-36 (1.5')	Total/NA	Solid	5035	
880-44158-7	CS-37 (1.5')	Total/NA	Solid	5035	
880-44158-8	CS-38 (1.5')	Total/NA	Solid	5035	
880-44158-9	CS-39 (1.5')	Total/NA	Solid	5035	
880-44158-10	CS-40 (1.5')	Total/NA	Solid	5035	
880-44158-11	CS-41 (1.5')	Total/NA	Solid	5035	
880-44158-12	CS-42 (1.5')	Total/NA	Solid	5035	
880-44158-13	CS-43 (1.5')	Total/NA	Solid	5035	
880-44158-14	CS-44 (4.5')	Total/NA	Solid	5035	
880-44158-15	CS-45 (4.5')	Total/NA	Solid	5035	
880-44158-16	CS-46 (4.5')	Total/NA	Solid	5035	
880-44158-17	CS-47 (4.5')	Total/NA	Solid	5035	
880-44158-18	CS-48 (4.5')	Total/NA	Solid	5035	
880-44158-19	CS-49 (4.5')	Total/NA	Solid	5035	
880-44158-20	CS-50 (4.5')	Total/NA	Solid	5035	
MB 880-82119/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-82119/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-82119/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-44158-A-1-G MS	880-44158-A-1-G MS	Total/NA	Solid	5035	
880-44158-A-1-H MSD	880-44158-A-1-H MSD	Total/NA	Solid	5035	

Prep Batch: 82120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-21	CS-51 (4.5')	Total/NA	Solid	5035	
880-44158-22	CS-52 (4.5')	Total/NA	Solid	5035	
880-44158-23	CS-53 (4.5')	Total/NA	Solid	5035	
880-44158-24	CS-54 (4.5')	Total/NA	Solid	5035	
880-44158-25	CS-55 (4.5')	Total/NA	Solid	5035	
880-44158-26	SW-9 (3.0')	Total/NA	Solid	5035	
880-44158-27	SW-10 (1.5')	Total/NA	Solid	5035	
880-44158-28	SW-11 (1.5')	Total/NA	Solid	5035	
880-44158-29	SW-12 (1.5')	Total/NA	Solid	5035	
880-44158-30	SW-13 (1.5')	Total/NA	Solid	5035	
880-44158-31	SW-14 (1.5')	Total/NA	Solid	5035	
880-44158-32	SW-15 (1.5')	Total/NA	Solid	5035	
880-44158-33	SW-16 (1.5')	Total/NA	Solid	5035	
880-44158-34	SW-17 (1.5')	Total/NA	Solid	5035	
880-44158-35	SW-18 (4.5')	Total/NA	Solid	5035	
880-44158-36	SW-19 (4.5')	Total/NA	Solid	5035	
880-44158-37	SW-20 (3.0')	Total/NA	Solid	5035	
880-44158-38	SW-21 (4.5')	Total/NA	Solid	5035	
880-44158-39	SW-22 (4.5')	Total/NA	Solid	5035	
880-44158-40	SW-23 (4.5')	Total/NA	Solid	5035	
MB 880-82120/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-82120/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-82120/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-44158-21 MS	CS-51 (4.5')	Total/NA	Solid	5035	

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Job ID: 880-44158-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

GC VOA (Continued)

Prep Batch: 82120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-21 MSD	CS-51 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 82121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-21	CS-51 (4.5')	Total/NA	Solid	8021B	82120
880-44158-22	CS-52 (4.5')	Total/NA	Solid	8021B	82120
880-44158-23	CS-53 (4.5')	Total/NA	Solid	8021B	82120
880-44158-24	CS-54 (4.5')	Total/NA	Solid	8021B	82120
880-44158-25	CS-55 (4.5')	Total/NA	Solid	8021B	82120
880-44158-26	SW-9 (3.0')	Total/NA	Solid	8021B	82120
880-44158-27	SW-10 (1.5')	Total/NA	Solid	8021B	82120
880-44158-28	SW-11 (1.5')	Total/NA	Solid	8021B	82120
880-44158-29	SW-12 (1.5')	Total/NA	Solid	8021B	82120
880-44158-30	SW-13 (1.5')	Total/NA	Solid	8021B	82120
880-44158-31	SW-14 (1.5')	Total/NA	Solid	8021B	82120
880-44158-32	SW-15 (1.5')	Total/NA	Solid	8021B	82120
880-44158-33	SW-16 (1.5')	Total/NA	Solid	8021B	82120
880-44158-34	SW-17 (1.5')	Total/NA	Solid	8021B	82120
880-44158-35	SW-18 (4.5')	Total/NA	Solid	8021B	82120
880-44158-36	SW-19 (4.5')	Total/NA	Solid	8021B	82120
880-44158-37	SW-20 (3.0')	Total/NA	Solid	8021B	82120
880-44158-38	SW-21 (4.5')	Total/NA	Solid	8021B	82120
880-44158-39	SW-22 (4.5')	Total/NA	Solid	8021B	82120
880-44158-40	SW-23 (4.5')	Total/NA	Solid	8021B	82120
MB 880-82120/5-A	Method Blank	Total/NA	Solid	8021B	82120
LCS 880-82120/1-A	Lab Control Sample	Total/NA	Solid	8021B	82120
LCSD 880-82120/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	82120
880-44158-21 MS	CS-51 (4.5')	Total/NA	Solid	8021B	82120
880-44158-21 MSD	CS-51 (4.5')	Total/NA	Solid	8021B	82120

Analysis Batch: 82122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-2	CS-32 (1.5')	Total/NA	Solid	8021B	82119
880-44158-3	CS-33 (1.5')	Total/NA	Solid	8021B	82119
880-44158-4	CS-34 (1.5')	Total/NA	Solid	8021B	82119
880-44158-5	CS-35 (1.5')	Total/NA	Solid	8021B	82119
880-44158-6	CS-36 (1.5')	Total/NA	Solid	8021B	82119
880-44158-7	CS-37 (1.5')	Total/NA	Solid	8021B	82119
880-44158-8	CS-38 (1.5')	Total/NA	Solid	8021B	82119
880-44158-9	CS-39 (1.5')	Total/NA	Solid	8021B	82119
880-44158-10	CS-40 (1.5')	Total/NA	Solid	8021B	82119
880-44158-11	CS-41 (1.5')	Total/NA	Solid	8021B	82119
880-44158-12	CS-42 (1.5')	Total/NA	Solid	8021B	82119
880-44158-13	CS-43 (1.5')	Total/NA	Solid	8021B	82119
880-44158-14	CS-44 (4.5')	Total/NA	Solid	8021B	82119
880-44158-15	CS-45 (4.5')	Total/NA	Solid	8021B	82119
880-44158-16	CS-46 (4.5')	Total/NA	Solid	8021B	82119
880-44158-17	CS-47 (4.5')	Total/NA	Solid	8021B	82119
880-44158-18	CS-48 (4.5')	Total/NA	Solid	8021B	82119
880-44158-19	CS-49 (4.5')	Total/NA	Solid	8021B	82119
880-44158-20	CS-50 (4.5')	Total/NA	Solid	8021B	82119

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6/7/2024 (Rev. 1)

Client: Carmona Resources

Job ID: 880-44158-1
Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA (Continued)

Analysis Batch: 82122 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-82119/5-A	Method Blank	Total/NA	Solid	8021B	82119
LCS 880-82119/1-A	Lab Control Sample	Total/NA	Solid	8021B	82119
LCSD 880-82119/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	82119
880-44158-A-1-G MS	880-44158-A-1-G MS	Total/NA	Solid	8021B	82119
880-44158-A-1-H MSD	880-44158-A-1-H MSD	Total/NA	Solid	8021B	82119

Prep Batch: 82124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-1	CS-31 (1.5')	Total/NA	Solid	5035	
MB 880-82124/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-82124/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-82124/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-44158-1 MS	CS-31 (1.5')	Total/NA	Solid	5035	
880-44158-1 MSD	CS-31 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 82131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-1	CS-31 (1.5')	Total/NA	Solid	8021B	82124
MB 880-82124/5-A	Method Blank	Total/NA	Solid	8021B	82124
LCS 880-82124/1-A	Lab Control Sample	Total/NA	Solid	8021B	82124
LCSD 880-82124/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	82124
880-44158-1 MS	CS-31 (1.5')	Total/NA	Solid	8021B	82124
880-44158-1 MSD	CS-31 (1.5')	Total/NA	Solid	8021B	82124

Analysis Batch: 82137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-44158-1	CS-31 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-2	CS-32 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-3	CS-33 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-4	CS-34 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-5	CS-35 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-6	CS-36 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-7	CS-37 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-8	CS-38 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-9	CS-39 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-10	CS-40 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-11	CS-41 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-12	CS-42 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-13	CS-43 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-14	CS-44 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-15	CS-45 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-16	CS-46 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-17	CS-47 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-18	CS-48 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-19	CS-49 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-20	CS-50 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-21	CS-51 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-22	CS-52 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-23	CS-53 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-24	CS-54 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-25	CS-55 (4.5')	Total/NA	Solid	Total BTEX	

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Client: Carmona Resources

Job ID: 880-44158-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA (Continued)

Analysis Batch: 82137 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-26	SW-9 (3.0')	Total/NA	Solid	Total BTEX	
880-44158-27	SW-10 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-28	SW-11 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-29	SW-12 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-30	SW-13 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-31	SW-14 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-32	SW-15 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-33	SW-16 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-34	SW-17 (1.5')	Total/NA	Solid	Total BTEX	
880-44158-35	SW-18 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-36	SW-19 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-37	SW-20 (3.0')	Total/NA	Solid	Total BTEX	
880-44158-38	SW-21 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-39	SW-22 (4.5')	Total/NA	Solid	Total BTEX	
880-44158-40	SW-23 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 82076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-1	CS-31 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-2	CS-32 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-3	CS-33 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-4	CS-34 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-5	CS-35 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-6	CS-36 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-7	CS-37 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-8	CS-38 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-9	CS-39 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-10	CS-40 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-11	CS-41 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-12	CS-42 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-13	CS-43 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-14	CS-44 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-15	CS-45 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-16	CS-46 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-17	CS-47 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-18	CS-48 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-19	CS-49 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-20	CS-50 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-82076/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-82076/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-82076/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-44158-1 MS	CS-31 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-1 MSD	CS-31 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 82078

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-21	CS-51 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-22	CS-52 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-23	CS-53 (4.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

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Client: Carmona Resources

Job ID: 880-44158-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA (Continued)

Prep Batch: 82078 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-24	CS-54 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-25	CS-55 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-26	SW-9 (3.0')	Total/NA	Solid	8015NM Prep	
880-44158-27	SW-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-28	SW-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-29	SW-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-30	SW-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-31	SW-14 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-32	SW-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-33	SW-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-34	SW-17 (1.5')	Total/NA	Solid	8015NM Prep	
880-44158-35	SW-18 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-36	SW-19 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-37	SW-20 (3.0')	Total/NA	Solid	8015NM Prep	
880-44158-38	SW-21 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-39	SW-22 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-40	SW-23 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-82078/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-82078/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-82078/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-44158-21 MS	CS-51 (4.5')	Total/NA	Solid	8015NM Prep	
880-44158-21 MSD	CS-51 (4.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 82102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-1	CS-31 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-2	CS-32 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-3	CS-33 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-4	CS-34 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-5	CS-35 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-6	CS-36 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-7	CS-37 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-8	CS-38 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-9	CS-39 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-10	CS-40 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-11	CS-41 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-12	CS-42 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-13	CS-43 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-14	CS-44 (4.5')	Total/NA	Solid	8015B NM	82076
880-44158-15	CS-45 (4.5')	Total/NA	Solid	8015B NM	82076
880-44158-16	CS-46 (4.5')	Total/NA	Solid	8015B NM	82076
880-44158-17	CS-47 (4.5')	Total/NA	Solid	8015B NM	82076
880-44158-18	CS-48 (4.5')	Total/NA	Solid	8015B NM	82076
880-44158-19	CS-49 (4.5')	Total/NA	Solid	8015B NM	82076
880-44158-20	CS-50 (4.5')	Total/NA	Solid	8015B NM	82076
MB 880-82076/1-A	Method Blank	Total/NA	Solid	8015B NM	82076
LCS 880-82076/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	82076
LCSD 880-82076/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	82076
880-44158-1 MS	CS-31 (1.5')	Total/NA	Solid	8015B NM	82076
880-44158-1 MSD	CS-31 (1.5')	Total/NA	Solid	8015B NM	82076

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Client: Carmona Resources

Job ID: 880-44158-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA

Analysis Batch: 82104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-21	CS-51 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-22	CS-52 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-23	CS-53 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-24	CS-54 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-25	CS-55 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-26	SW-9 (3.0')	Total/NA	Solid	8015B NM	82078
880-44158-27	SW-10 (1.5')	Total/NA	Solid	8015B NM	82078
880-44158-28	SW-11 (1.5')	Total/NA	Solid	8015B NM	82078
880-44158-29	SW-12 (1.5')	Total/NA	Solid	8015B NM	82078
880-44158-30	SW-13 (1.5')	Total/NA	Solid	8015B NM	82078
880-44158-31	SW-14 (1.5')	Total/NA	Solid	8015B NM	82078
880-44158-32	SW-15 (1.5')	Total/NA	Solid	8015B NM	82078
880-44158-33	SW-16 (1.5')	Total/NA	Solid	8015B NM	82078
880-44158-34	SW-17 (1.5')	Total/NA	Solid	8015B NM	82078
880-44158-35	SW-18 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-36	SW-19 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-37	SW-20 (3.0')	Total/NA	Solid	8015B NM	82078
880-44158-38	SW-21 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-39	SW-22 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-40	SW-23 (4.5')	Total/NA	Solid	8015B NM	82078
MB 880-82078/1-A	Method Blank	Total/NA	Solid	8015B NM	82078
LCS 880-82078/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	82078
LCSD 880-82078/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	82078
880-44158-21 MS	CS-51 (4.5')	Total/NA	Solid	8015B NM	82078
880-44158-21 MSD	CS-51 (4.5')	Total/NA	Solid	8015B NM	82078

Analysis Batch: 82202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-44158-1	CS-31 (1.5')	Total/NA	Solid	8015 NM	
880-44158-2	CS-32 (1.5')	Total/NA	Solid	8015 NM	
880-44158-3	CS-33 (1.5')	Total/NA	Solid	8015 NM	
880-44158-4	CS-34 (1.5')	Total/NA	Solid	8015 NM	
880-44158-5	CS-35 (1.5')	Total/NA	Solid	8015 NM	
880-44158-6	CS-36 (1.5')	Total/NA	Solid	8015 NM	
880-44158-7	CS-37 (1.5')	Total/NA	Solid	8015 NM	
880-44158-8	CS-38 (1.5')	Total/NA	Solid	8015 NM	
880-44158-9	CS-39 (1.5')	Total/NA	Solid	8015 NM	
880-44158-10	CS-40 (1.5')	Total/NA	Solid	8015 NM	
880-44158-11	CS-41 (1.5')	Total/NA	Solid	8015 NM	
880-44158-12	CS-42 (1.5')	Total/NA	Solid	8015 NM	
880-44158-13	CS-43 (1.5')	Total/NA	Solid	8015 NM	
880-44158-14	CS-44 (4.5')	Total/NA	Solid	8015 NM	
880-44158-15	CS-45 (4.5')	Total/NA	Solid	8015 NM	
880-44158-16	CS-46 (4.5')	Total/NA	Solid	8015 NM	
880-44158-17	CS-47 (4.5')	Total/NA	Solid	8015 NM	
880-44158-18	CS-48 (4.5')	Total/NA	Solid	8015 NM	
880-44158-19	CS-49 (4.5')	Total/NA	Solid	8015 NM	
880-44158-20	CS-50 (4.5')	Total/NA	Solid	8015 NM	
880-44158-21	CS-51 (4.5')	Total/NA	Solid	8015 NM	
880-44158-22	CS-52 (4.5')	Total/NA	Solid	8015 NM	
880-44158-23	CS-53 (4.5')	Total/NA	Solid	8015 NM	

Client: Carmona Resources

Job ID: 880-44158-1
Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 82202 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-24	CS-54 (4.5')	Total/NA	Solid	8015 NM	
880-44158-25	CS-55 (4.5')	Total/NA	Solid	8015 NM	
880-44158-26	SW-9 (3.0')	Total/NA	Solid	8015 NM	
880-44158-27	SW-10 (1.5')	Total/NA	Solid	8015 NM	
880-44158-28	SW-11 (1.5')	Total/NA	Solid	8015 NM	
880-44158-29	SW-12 (1.5')	Total/NA	Solid	8015 NM	
880-44158-30	SW-13 (1.5')	Total/NA	Solid	8015 NM	
880-44158-31	SW-14 (1.5')	Total/NA	Solid	8015 NM	
880-44158-32	SW-15 (1.5')	Total/NA	Solid	8015 NM	
880-44158-33	SW-16 (1.5')	Total/NA	Solid	8015 NM	
880-44158-34	SW-17 (1.5')	Total/NA	Solid	8015 NM	
880-44158-35	SW-18 (4.5')	Total/NA	Solid	8015 NM	
880-44158-36	SW-19 (4.5')	Total/NA	Solid	8015 NM	
880-44158-37	SW-20 (3.0')	Total/NA	Solid	8015 NM	
880-44158-38	SW-21 (4.5')	Total/NA	Solid	8015 NM	
880-44158-39	SW-22 (4.5')	Total/NA	Solid	8015 NM	
880-44158-40	SW-23 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 82072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-1	CS-31 (1.5')	Soluble	Solid	DI Leach	_
880-44158-2	CS-32 (1.5')	Soluble	Solid	DI Leach	
880-44158-3	CS-33 (1.5')	Soluble	Solid	DI Leach	
880-44158-4	CS-34 (1.5')	Soluble	Solid	DI Leach	
880-44158-5	CS-35 (1.5')	Soluble	Solid	DI Leach	
880-44158-6	CS-36 (1.5')	Soluble	Solid	DI Leach	
880-44158-7	CS-37 (1.5')	Soluble	Solid	DI Leach	
880-44158-8	CS-38 (1.5')	Soluble	Solid	DI Leach	
880-44158-9	CS-39 (1.5')	Soluble	Solid	DI Leach	
880-44158-10	CS-40 (1.5')	Soluble	Solid	DI Leach	
880-44158-11	CS-41 (1.5')	Soluble	Solid	DI Leach	
880-44158-12	CS-42 (1.5')	Soluble	Solid	DI Leach	
880-44158-13	CS-43 (1.5')	Soluble	Solid	DI Leach	
880-44158-14	CS-44 (4.5')	Soluble	Solid	DI Leach	
880-44158-15	CS-45 (4.5')	Soluble	Solid	DI Leach	
880-44158-16	CS-46 (4.5')	Soluble	Solid	DI Leach	
880-44158-17	CS-47 (4.5')	Soluble	Solid	DI Leach	
880-44158-18	CS-48 (4.5')	Soluble	Solid	DI Leach	
880-44158-19	CS-49 (4.5')	Soluble	Solid	DI Leach	
880-44158-20	CS-50 (4.5')	Soluble	Solid	DI Leach	
MB 880-82072/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-82072/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-82072/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-44158-1 MS	CS-31 (1.5')	Soluble	Solid	DI Leach	
880-44158-1 MSD	CS-31 (1.5')	Soluble	Solid	DI Leach	
880-44158-11 MS	CS-41 (1.5')	Soluble	Solid	DI Leach	
880-44158-11 MSD	CS-41 (1.5')	Soluble	Solid	DI Leach	

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Client: Carmona Resources

Job ID: 880-44158-1

Project/Site: Paduca Main

SDG: Lea Co. NM

HPLC/IC

Leach Batch: 82077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-21	CS-51 (4.5')	Soluble	Solid	DI Leach	
880-44158-22	CS-52 (4.5')	Soluble	Solid	DI Leach	
880-44158-23	CS-53 (4.5')	Soluble	Solid	DI Leach	
880-44158-24	CS-54 (4.5')	Soluble	Solid	DI Leach	
880-44158-25	CS-55 (4.5')	Soluble	Solid	DI Leach	
880-44158-26	SW-9 (3.0')	Soluble	Solid	DI Leach	
880-44158-27	SW-10 (1.5')	Soluble	Solid	DI Leach	
880-44158-28	SW-11 (1.5')	Soluble	Solid	DI Leach	
880-44158-29	SW-12 (1.5')	Soluble	Solid	DI Leach	
880-44158-30	SW-13 (1.5')	Soluble	Solid	DI Leach	
880-44158-31	SW-14 (1.5')	Soluble	Solid	DI Leach	
880-44158-32	SW-15 (1.5')	Soluble	Solid	DI Leach	
880-44158-33	SW-16 (1.5')	Soluble	Solid	DI Leach	
880-44158-34	SW-17 (1.5')	Soluble	Solid	DI Leach	
880-44158-35	SW-18 (4.5')	Soluble	Solid	DI Leach	
880-44158-36	SW-19 (4.5')	Soluble	Solid	DI Leach	
880-44158-37	SW-20 (3.0')	Soluble	Solid	DI Leach	
880-44158-38	SW-21 (4.5')	Soluble	Solid	DI Leach	
880-44158-39	SW-22 (4.5')	Soluble	Solid	DI Leach	
880-44158-40	SW-23 (4.5')	Soluble	Solid	DI Leach	
MB 880-82077/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-82077/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-82077/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-44158-21 MS	CS-51 (4.5')	Soluble	Solid	DI Leach	
880-44158-21 MSD	CS-51 (4.5')	Soluble	Solid	DI Leach	
880-44158-31 MS	SW-14 (1.5')	Soluble	Solid	DI Leach	
880-44158-31 MSD	SW-14 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 82082

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-1	CS-31 (1.5')	Soluble	Solid	300.0	82072
880-44158-2	CS-32 (1.5')	Soluble	Solid	300.0	82072
880-44158-3	CS-33 (1.5')	Soluble	Solid	300.0	82072
880-44158-4	CS-34 (1.5')	Soluble	Solid	300.0	82072
880-44158-5	CS-35 (1.5')	Soluble	Solid	300.0	82072
880-44158-6	CS-36 (1.5')	Soluble	Solid	300.0	82072
880-44158-7	CS-37 (1.5')	Soluble	Solid	300.0	82072
880-44158-8	CS-38 (1.5')	Soluble	Solid	300.0	82072
880-44158-9	CS-39 (1.5')	Soluble	Solid	300.0	82072
880-44158-10	CS-40 (1.5')	Soluble	Solid	300.0	82072
880-44158-11	CS-41 (1.5')	Soluble	Solid	300.0	82072
880-44158-12	CS-42 (1.5')	Soluble	Solid	300.0	82072
880-44158-13	CS-43 (1.5')	Soluble	Solid	300.0	82072
880-44158-14	CS-44 (4.5')	Soluble	Solid	300.0	82072
880-44158-15	CS-45 (4.5')	Soluble	Solid	300.0	82072
880-44158-16	CS-46 (4.5')	Soluble	Solid	300.0	82072
880-44158-17	CS-47 (4.5')	Soluble	Solid	300.0	82072
880-44158-18	CS-48 (4.5')	Soluble	Solid	300.0	82072
880-44158-19	CS-49 (4.5')	Soluble	Solid	300.0	82072
880-44158-20	CS-50 (4.5')	Soluble	Solid	300.0	82072
MB 880-82072/1-A	Method Blank	Soluble	Solid	300.0	82072

Eurofins Midland

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Job ID: 880-44158-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

HPLC/IC (Continued)

Analysis Batch: 82082 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-82072/2-A	Lab Control Sample	Soluble	Solid	300.0	82072
LCSD 880-82072/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	82072
880-44158-1 MS	CS-31 (1.5')	Soluble	Solid	300.0	82072
880-44158-1 MSD	CS-31 (1.5')	Soluble	Solid	300.0	82072
880-44158-11 MS	CS-41 (1.5')	Soluble	Solid	300.0	82072
880-44158-11 MSD	CS-41 (1.5')	Soluble	Solid	300.0	82072

Analysis Batch: 82083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44158-21	CS-51 (4.5')	Soluble	Solid	300.0	82077
880-44158-22	CS-52 (4.5')	Soluble	Solid	300.0	82077
880-44158-23	CS-53 (4.5')	Soluble	Solid	300.0	82077
880-44158-24	CS-54 (4.5')	Soluble	Solid	300.0	82077
880-44158-25	CS-55 (4.5')	Soluble	Solid	300.0	82077
880-44158-26	SW-9 (3.0')	Soluble	Solid	300.0	82077
880-44158-27	SW-10 (1.5')	Soluble	Solid	300.0	82077
880-44158-28	SW-11 (1.5')	Soluble	Solid	300.0	82077
880-44158-29	SW-12 (1.5')	Soluble	Solid	300.0	82077
880-44158-30	SW-13 (1.5')	Soluble	Solid	300.0	82077
880-44158-31	SW-14 (1.5')	Soluble	Solid	300.0	82077
880-44158-32	SW-15 (1.5')	Soluble	Solid	300.0	82077
880-44158-33	SW-16 (1.5')	Soluble	Solid	300.0	82077
880-44158-34	SW-17 (1.5')	Soluble	Solid	300.0	82077
880-44158-35	SW-18 (4.5')	Soluble	Solid	300.0	82077
880-44158-36	SW-19 (4.5')	Soluble	Solid	300.0	82077
880-44158-37	SW-20 (3.0')	Soluble	Solid	300.0	82077
880-44158-38	SW-21 (4.5')	Soluble	Solid	300.0	82077
880-44158-39	SW-22 (4.5')	Soluble	Solid	300.0	82077
880-44158-40	SW-23 (4.5')	Soluble	Solid	300.0	82077
MB 880-82077/1-A	Method Blank	Soluble	Solid	300.0	82077
LCS 880-82077/2-A	Lab Control Sample	Soluble	Solid	300.0	82077
LCSD 880-82077/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	82077
880-44158-21 MS	CS-51 (4.5')	Soluble	Solid	300.0	82077
880-44158-21 MSD	CS-51 (4.5')	Soluble	Solid	300.0	82077
880-44158-31 MS	SW-14 (1.5')	Soluble	Solid	300.0	82077
880-44158-31 MSD	SW-14 (1.5')	Soluble	Solid	300.0	82077

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6/7/2024 (Rev. 1)

SDG: Lea Co. NM

Project/Site: Paduca Main

Client: Carmona Resources

Client Sample ID: CS-31 (1.5') Date Collected: 05/31/24 00:00

Lab Sample ID: 880-44158-1

Matrix: Solid

Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	82124	06/02/24 17:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82131	06/03/24 12:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 12:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/01/24 22:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/01/24 22:47	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 06:50	SMC	EET MID

Lab Sample ID: 880-44158-2

Matrix: Solid

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Client Sample ID: CS-32 (1.5')

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 18:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/01/24 23:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/01/24 23:35	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 07:09	SMC	EET MID

Client Sample ID: CS-33 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-3 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 18:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/01/24 23:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/01/24 23:50	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 07:15	SMC	EET MID

Client Sample ID: CS-34 (1.5')

Released to Imaging: 8/20/2024 3:08:55 PM

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 19:15	SM	EET MID

Eurofins Midland

Matrix: Solid

Lab Sample ID: 880-44158-4

Date Received: 05/31/24 15:15

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: CS-34 (1.5') Lab Sample ID: 880-44158-4 Date Collected: 05/31/24 00:00

Matrix: Solid

Batch Batch Dil Initial Batch Final Prepared **Prep Type** Method Number or Analyzed Type Run **Factor Amount** Amount Analyst Lab Total/NA 8015 NM 82202 06/02/24 00:07 SM EET MID Analysis Total/NA Prep 8015NM Prep 10.04 g 10 mL 82076 05/31/24 16:16 EL **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 82102 06/02/24 00:07 TKC **EET MID** 50 mL 82072 Soluble Leach DI Leach 5.02 g 05/31/24 16:08 SA **EET MID** Soluble Analysis 300.0 50 mL 50 mL 82082 06/01/24 07:21 SMC **EET MID**

Client Sample ID: CS-35 (1.5') Lab Sample ID: 880-44158-5

Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 19:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 00:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 00:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 07:28	SMC	EET MID

Lab Sample ID: 880-44158-6 Client Sample ID: CS-36 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 00:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 00:40	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 07:47	SMC	EET MID

Client Sample ID: CS-37 (1.5')

Lab Sample ID: 880-44158-7 Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 20:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 00:55	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.01 g 1 uL	10 mL 1 uL	82076 82102	05/31/24 16:16 06/02/24 00:55	EL TKC	EET MID EET MID

Eurofins Midland

Matrix: Solid

6/7/2024 (Rev. 1)

Client: Carmona Resources Job ID: 880-44158-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: CS-37 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15 Lab Sample ID: 880-44158-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 07:53	SMC	EET MID

Client Sample ID: CS-38 (1.5') Lab Sample ID: 880-44158-8 Matrix: Solid

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 20:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 01:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 01:13	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 07:59	SMC	EET MID

Lab Sample ID: 880-44158-9 Client Sample ID: CS-39 (1.5') **Matrix: Solid**

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 20:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 20:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 01:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 01:28	TKC	EET MID

5.01 g

50 mL

50 mL

50 mL

82072

82082

05/31/24 16:08 SA

06/01/24 08:06 SMC

Lab Sample ID: 880-44158-10

Client Sample ID: CS-40 (1.5')

Leach

Analysis

DI Leach

300.0

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Soluble

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 21:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 21:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 01:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 01:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 08:12	SMC	EET MID

Eurofins Midland

EET MID

EET MID

Matrix: Solid

Released to Imaging: 8/20/2024 3:08:55 PM

Client Sample ID: CS-41 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-44158-11

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 22:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 22:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 02:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 02:18	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 08:18	SMC	EET MID

Client Sample ID: CS-42 (1.5') Lab Sample ID: 880-44158-12 Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Date Received: 05/31/24 15:15

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 23:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 23:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 02:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 02:33	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 08:37	SMC	EET MID

Client Sample ID: CS-43 (1.5') Lab Sample ID: 880-44158-13 Date Collected: 05/31/24 00:00 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 23:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 23:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 02:50	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 08:44	SMC	EET MID

Client Sample ID: CS-44 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/02/24 23:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 23:43	SM	EET MID

Eurofins Midland

Matrix: Solid

Lab Sample ID: 880-44158-14

Project/Site: Paduca Main Client Sample ID: CS-44 (4.5')

Lab Sample ID: 880-44158-14 Date Collected: 05/31/24 00:00

Matrix: Solid

EET MID

EET MID

EET MID

Date Received: 05/31/24 15:15

Client: Carmona Resources

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			82202	06/02/24 03:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 03:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	82082	06/01/24 09:03	SMC	EET MID

Lab Sample ID: 880-44158-15 Client Sample ID: CS-45 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Matrix: Solid

06/02/24 03:22 TKC

05/31/24 16:08 SA

06/01/24 09:09 SMC

Batch Dil Initial Final **Batch** Batch Prepared Method Amount Number **Prep Type** Type Run **Factor Amount** or Analyzed Analyst Lab Total/NA Prep 5035 82119 06/02/24 14:57 4.98 g MNR 5 mL **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 82122 06/03/24 00:04 MNR **EET MID** 1 Total/NA Analysis Total BTEX 1 82137 06/03/24 00:04 SM **EET MID** Total/NA 8015 NM 82202 Analysis 1 06/02/24 03:22 SM **EET MID** Total/NA Prep 8015NM Prep 10.06 g 10 mL 82076 05/31/24 16:16 EL **EET MID**

Lab Sample ID: 880-44158-16 Client Sample ID: CS-46 (4.5') Date Collected: 05/31/24 00:00 **Matrix: Solid**

5

1 uL

4.96 g

50 mL

1 uL

50 mL

50 mL

82102

82072

82082

Date Received: 05/31/24 15:15

Analysis

Analysis

Leach

8015B NM

DI Leach

300.0

Total/NA

Soluble

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/03/24 00:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 00:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 03:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 03:37	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 09:15	SMC	EET MID

Client Sample ID: CS-47 (4.5') Lab Sample ID: 880-44158-17

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/03/24 00:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 00:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 03:54	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.03 g 1 uL	10 mL 1 uL	82076 82102	05/31/24 16:16 06/02/24 03:54	EL TKC	EET MID EET MID

Eurofins Midland

Matrix: Solid

SDG: Lea Co. NM

Lab Sample ID: 880-44158-17

Matrix: Solid

Client Sample ID: CS-47 (4.5') Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Client: Carmona Resources

Project/Site: Paduca Main

		Batch	Batch		Dil	Initial	Final	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
	Soluble	Leach	DI Leach			5.02 g	50 mL	82072	05/31/24 16:08	SA	EET MID
L	Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 09:22	SMC	EET MID

Client Sample ID: CS-48 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

La	b Sample ID:	880-44158-18
		Matrix: Solid
atch	Prepared	

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/03/24 01:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 01:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 04:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 04:09	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 09:28	SMC	EET MID

Client Sample ID: CS-49 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-19

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/03/24 01:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 01:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 04:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 04:26	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 09:34	SMC	EET MID

Client Sample ID: CS-50 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID:	880-44158-20
	Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	82119	06/02/24 14:57	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82122	06/03/24 01:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 01:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 04:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	82076	05/31/24 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82102	06/02/24 04:41	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82072	05/31/24 16:08	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82082	06/01/24 09:41	SMC	EET MID

Client: Carmona Resources

Project/Site: Paduca Main

SDG: Lea Co. NM

Lab Sample ID: 880-44158-21

Matrix: Solid

Client Sample ID: CS-51 (4.5') Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 18:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/01/24 22:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/01/24 22:47	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 01:39	SMC	EET MID

Client Sample ID: CS-52 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-22

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 82120 06/02/24 15:00 MNR EET MID Prep 4.98 g 5 mL Total/NA 8021B 5 mL **EET MID** Analysis 5 mL 82121 06/02/24 18:40 MNR 1 Total/NA Total BTEX Analysis 82137 06/02/24 18:40 SM **EET MID** 1 Total/NA 8015 NM **EET MID** Analysis 1 82202 06/01/24 23:35 SM Total/NA Prep 8015NM Prep 10.04 g 10 mL 82078 05/31/24 16:20 EL **EET MID** Total/NA 8015B NM 82104 Analysis 1 uL 1 uL 06/01/24 23:35 TKC **EET MID** Soluble 50 mL 82077 Leach DI Leach 4.98 g 05/31/24 16:19 SA **EET MID** 300.0 82083 06/01/24 01:55 SMC Soluble Analysis 50 mL 50 mL **EET MID**

Client Sample ID: CS-53 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-23

Matrix: Solid

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/01/24 23:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/01/24 23:50	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 02:01	SMC	EET MID

Client Sample ID: CS-54 (4.5')

Date Collected: 05/31/24 00:00

Lab Sample ID: 880-44158-24 Matrix: Solid Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 19:21	SM	EET MID

Job ID: 880-44158-1 SDG: Lea Co. NM

Client Sample ID: CS-54 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-44158-24

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			82202	06/02/24 00:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 00:07	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	82083	06/01/24 02:06	SMC	EET MID

Lab Sample ID: 880-44158-25 Client Sample ID: CS-55 (4.5') **Matrix: Solid**

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Batch Dil Initial Final Batch Batch Prepared **Prep Type** Method Amount Amount Number Type Run **Factor** or Analyzed Analyst Lab Total/NA Prep 5035 5.03 g 82120 06/02/24 15:00 MNR 5 mL **EET MID** Total/NA Analysis 8021B 5 mL 5 mL 82121 06/02/24 19:42 MNR **EET MID** 1 Total/NA Analysis Total BTEX 1 82137 06/02/24 19:42 SM **EET MID** Total/NA 8015 NM 82202 Analysis 06/02/24 00:23 SM **EET MID** Total/NA Prep 8015NM Prep 10.01 g 10 mL 82078 05/31/24 16:20 EL **EET MID** Total/NA 8015B NM 82104 06/02/24 00:23 TKC Analysis 1 uL 1 uL **EET MID** Soluble Leach DI Leach 4.98 g 50 mL 82077 05/31/24 16:19 SA **EET MID**

Client Sample ID: SW-9 (3.0') Lab Sample ID: 880-44158-26 Date Collected: 05/31/24 00:00

50 mL

5

50 mL

82083

06/01/24 02:11 SMC

Lab Sample ID: 880-44158-27

Date Received: 05/31/24 15:15

Soluble

Analysis

300.0

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 20:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 00:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 00:40	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 02:28	SMC	EET MID

Client Sample ID: SW-10 (1.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 20:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 00:55	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.10 g 1 uL	10 mL 1 uL	82078 82104	05/31/24 16:20 06/02/24 00:55	EL TKC	EET MID EET MID

Eurofins Midland

Matrix: Solid

EET MID

Matrix: Solid

Released to Imaging: 8/20/2024 3:08:55 PM

SDG: Lea Co. NM

Project/Site: Paduca Main Client Sample ID: SW-10 (1.5')

Lab Sample ID: 880-44158-27

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Client: Carmona Resources

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 02:33	SMC	EET MID

Lab Sample ID: 880-44158-28

Client Sample ID: SW-11 (1.5') Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 20:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 01:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 01:13	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 02:39	SMC	EET MID

Lab Sample ID: 880-44158-29 Client Sample ID: SW-12 (1.5')

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 21:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 21:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 01:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 01:28	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 02:44	SMC	EET MID

Client

Date C

Date R

nt Sample ID: SW-	13 (1.5')				La	b Sample ID:	: 880-44158-30
Collected: 05/31/24 0	0:00						Matrix: Solid
Received: 05/31/24 15	5:15						
Batch	Batch	Dil	Initial	Final	Batch	Prepared	

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 21:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 01:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 01:46	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 02:49	SMC	EET MID

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Client: Carmona Resources

Project/Site: Paduca Main

Lab Sample ID: 880-44158-31

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 22:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 02:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 02:18	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 02:55	SMC	EET MID

Client Sample ID: SW-15 (1.5') Lab Sample ID: 880-44158-32 Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 23:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 02:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 02:33	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 03:11	SMC	EET MID

Client Sample ID: SW-16 (1.5') Lab Sample ID: 880-44158-33 Date Collected: 05/31/24 00:00 **Matrix: Solid**

Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 23:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 02:50	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 03:17	SMC	EET MID

Client Sample ID: SW-17 (1.5') Lab Sample ID: 880-44158-34 Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/02/24 23:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/02/24 23:59	SM	EET MID

Eurofins Midland

Matrix: Solid

Client Sample ID: SW-17 (1.5')

Job ID: 880-44158-1 SDG: Lea Co. NM

Client: Carmona Resources Project/Site: Paduca Main

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-34

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			82202	06/02/24 03:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 03:06	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 03:33	SMC	EET MID

Client Sample ID: SW-18 (4.5') Lab Sample ID: 880-44158-35 **Matrix: Solid**

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/03/24 00:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 00:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 03:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 03:22	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 03:39	SMC	EET MID

Client Sample ID: SW-19 (4.5') Lab Sample ID: 880-44158-36

Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/03/24 00:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 00:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 03:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 03:37	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 03:44	SMC	EET MID

Client Sample ID: SW-20 (3.0') Lab Sample ID: 880-44158-37

Date Collected: 05/31/24 00:00 **Matrix: Solid** Date Received: 05/31/24 15:15

Bat	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/03/24 01:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 01:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 03:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 03:54	TKC	EET MID

Client: Carmona Resources

Project/Site: Paduca Main

SDG: Lea Co. NM

Lab Sample ID: 880-44158-37

Matrix: Solid

Client Sample ID: SW-20 (3.0') Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

		Batch	Batch		Dil	Initial	Final	Batch	Prepared		
F	rep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
5	Soluble	Leach	DI Leach			5.02 g	50 mL	82077	05/31/24 16:19	SA	EET MID
LS	Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 03:49	SMC	EET MID

Client Sample ID: SW-21 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-38 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/03/24 08:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 08:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 04:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 04:09	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 03:55	SMC	EET MID

Client Sample ID: SW-22 (4.5')

Date Collected: 05/31/24 00:00 Date Received: 05/31/24 15:15

Lab Sample ID: 880-44158-39

Lab Sample ID: 880-44158-40

Matrix: Solid

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/03/24 08:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 08:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 04:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 04:26	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 04:00	SMC	EET MID

Client Sample ID: SW-23 (4.5')

Date Collected: 05/31/24 00:00

Date Received: 05/31/24 15:15

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	82120	06/02/24 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82121	06/03/24 09:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82137	06/03/24 09:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			82202	06/02/24 04:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	82078	05/31/24 16:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82104	06/02/24 04:41	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	82077	05/31/24 16:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82083	06/01/24 04:06	SMC	EET MID

Eurofins Midland

Page 72 of 81 Released to Imaging: 8/20/2024 3:08:55 PM

Lab Chronicle

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44158-1 SDG: Lea Co. NM

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-44158-1
Project/Site: Paduca Main

SDG: Lea Co. NM

Laboratory: Eurofins Midland

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

hority	Prog	ram	Identification Number	Expiration Date
as	NELA	NP	T104704400-23-26	06-30-24
The following analytes	s are included in this rep	ort, but the laboratory is r	not certified by the governing authori	ty. This list may include analytes
for which the agency	does not offer certificatio	n.	, , ,	
Analysis Method	Prep Method	Matrix	Analyte	
300.0		Solid	Chloride	
8015 NM		Solid	Total TPH	
8015B NM	8015NM Prep	Solid	Diesel Range Organics (0	Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics	s (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Ove	r C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH	
8021B	5035	Solid	Benzene	
8021B	5035	Solid	Ethylbenzene	
8021B	5035	Solid	m-Xylene & p-Xylene	
8021B	5035	Solid	o-Xylene	
8021B	5035	Solid	Toluene	
8021B	5035	Solid	Xylenes, Total	
Total BTEX		Solid	Total BTEX	

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Method Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44158-1 SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44158-1

SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-44158-1	CS-31 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-2	CS-32 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-3	CS-33 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-4	CS-34 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-5	CS-35 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-6	CS-36 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-7	CS-37 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-8	CS-38 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-9	CS-39 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-10	CS-40 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-11	CS-41 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-12	CS-42 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-13	CS-43 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-14	CS-44 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-15	CS-45 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-16	CS-46 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-17	CS-47 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-18	CS-48 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-19	CS-49 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-20	CS-50 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-21	CS-51 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-22	CS-52 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-23	CS-53 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-24	CS-54 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-25	CS-55 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-26	SW-9 (3.0')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-27	SW-10 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-28	SW-11 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-29	SW-12 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-30	SW-13 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-31	SW-14 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-32	SW-15 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-33	SW-16 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-34	SW-17 (1.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-35	SW-18 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-36	SW-19 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-37	SW-20 (3.0')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-38	SW-21 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-39	SW-22 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15
880-44158-40	SW-23 (4.5')	Solid	05/31/24 00:00	05/31/24 15:15

Chain of Custody

880-44158 Chain of Custody

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Project Manager:	Conno	r Moehrii	ng			Bill to: (if o	lifferent)		Josep	h Varge	0							Wor	k Orde	r Comn	nents		
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City, State ZIP:	Midlan	nd, TX 79	701			City, Stat	e ZIP:			er, CO						Reporting:	Level II	Level	m 🗅:	ST/UST	RRP	Level	IV 🗆
	(432) 8	813-6823			Email	Joseph.							•			Deliverable	es: EDI		AD	аРТ 🗆	Other	r:	
Project Name:	1		Paduca Main			Around							ANIA	Veic		LIECT				Т	n	-41	
Project Number:			2206		Routine	Around V Rush	,	Pres.		Т	1	 	ANA	YSIS	KEU	UESI		<u> </u>				ative Cod	
						T		Code						 				\vdash		None		DI Wate	-
Project Location Sampler's Name:	 		Lea Co. NM FV / GPJ		Due Date:	24 Hi	TAI			6			1				1			- 1	Cool	MeOH:	
PO #:	 		FV/GF3		1					≅		1								HCL: H₂S0		HNO ₃ : H	
SAMPLE RECEI	IPT	Ton	p Blank:	Yes (No)	Wet Ice:	Yes	No.	Parameters	ا ڀ ا	TPH 8015M (GRO + DRO + MRO)	اه										₄ : п ₂) ₄ : НР	NaOH: I	Na
Received Intact:		Y		Thermometer ID		I/L		ame	021E	<u> </u>	300.0										94: HP 804: NAB	ie	
Cooler Custody Seal	ls:	Yes		Correction Factor		=1	2	Par	BTEX 8021B	GR	Chloride										₂ O₃: NaS		
Sample Custody Sea		Yes	/	Temperature Re		0	(E E) Wig	ğ									1	cetate+Na		
Total Containers:				Corrected Temp		<				8016										1		ic Acid: SA	PC
Sample ide	ntificatio	on	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH											Sample	Commen	nts
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Relinquished by: (Signature)





























Work Order No: 44158

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Project Manager.	Conno	or Moehrir	ng			Bill to: (if	different)		Josepl	h Varg	0									W	ork O	rder (Comments]
Company Name:	Carmo	ona Reso	urces			Company	/ Name:		NGL V	Vater s	Solution	s Permi	an				Progr	am: U	ST/PS	эт □Р	RP []rown	nfields kRC	perfund [3
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Phone:	(432)	813-6823			Email	: Joseph.	Vargo@	nglep.co	m								Delive	rables	: EDI	<u> </u>		ADaP ⁻	T 🗆 Other:		
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hone:	(432) 813-6823	3		Email:	Joseph.	Vargo@	nglep.co	m								Delive	erables	: EDD			ADaP	T Oth	er:	
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Project Name:		Paduca Main		Turn	Around	1, 11					·	AN	ALYS	IS REC	UEST		-				Preserva	ative Codes	7
Project Number:		2206		Routine	☑ Rusi	1	Pres. Code													N	lone: NO	DI Water: H ₂ C	5
Project Location		Lea Co. NM		Due Date:	24 H	r TAT														\Box c	Cool: Cool	МеОН: Ме	
Sampler's Name:		· FV/GPJ							+ MRO)											H	ICL: HC	HNO ₃ : HN	
PO #:					·		ေ		¥ + €					1	1		İ			-	1 ₂ S0 ₄ : H ₂	NaOH: Na	
SAMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	<u> 6</u>	K	0.0		1									I₃PO₄: HP		
Received Intact:		Yes No	Thermometer ID				arar	BTEX 8021B	&	Chloride 300.0				1							NaHSO₄: NABI		
Cooler Custody Sea		Yes No N/A	Correction Facto	***************************************			1 -	Ĕ	9	le i										١	Na ₂ S ₂ O ₃ : NaS() ₃	_
Sample Custody Sec	als:	Yes No N/A	Temperature Re					"	15M	٥										- 1	'n Acetate+Na) 18
Total Containers:	L		Corrected Temp	erature:	 	T = .:		_	TPH 8015M (GRO + DRO											ַר בַּ	NaOH+Ascorbi	c Acid: SAPC	10
Sample Ide	ntificatio	n Date	Time	Soil	Water	Grab/ Comp	# of Cont		ΤF							:			:		Sample	Comments	Page 80 of 81
SW-14	(1.5')	5/31/2024		Х		С	1	х	х	х													Pa
SW-15		5/31/2024		X		С	1	х	x	х													
SW-16		5/31/2024		X		С	1	х	х	х													
SW-17		5/31/2024		Х		С	1	х	х	х													
SW-18		5/31/2024		Х		С	1	×	×	x													
SW-19		5/31/2024		X		С	1	×	x	x													
SW-20		5/31/2024		X		С	1	х	x	X						1							_ `
SW-21		5/31/2024		X		С	1	×	×	×													
SW-22		5/31/2024		X	<u> </u>	C	1	x	×	×						ļ							
SW-23		5/31/2024		X	<u> </u>	С	1	x	X	х			L_							\perp			
Comments: Ema	il to Mik	ce Carmona / Mcarmo	ona@carmonai	resources.com	n and Co	onner Mo	oehring	/ Cmc	oehrii	ng@ca	rmonare	sourc	es.co	m									0 / 10 / 10 / 0
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Received by OCD: 7/10/2024 12:00:37 AM

Released to Imaging: 8/20/2024 3:08:55 PM

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-44158-1 SDG Number: Lea Co. NM

Login Number: 44158 **List Source: Eurofins Midland**

List Number: 1

Creator: Vasquez, Julisa

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 Midland

Released to Imaging: 8/20/2024 3:08:55 PM

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500

Midland, Texas 79701

Generated 6/10/2024 3:33:50 PM

JOB DESCRIPTION

Paduca Main Lea Co. NM

JOB NUMBER

880-44495-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 6/10/2024 3:33:50 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 4

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Client: Carmona Resources
Project/Site: Paduca Main

Laboratory Job ID: 880-44495-1 SDG: Lea Co. NM

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Definitions/Glossary

Job ID: 880-44495-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

¤ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid Colony Forming Unit CFU **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) Limit of Quantitation (DoD/DOE) LOQ

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

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

Toxicity Equivalent Factor (Dioxin) TFF Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources Project: Paduca Main Job ID: 880-44495-1

Job ID: 880-44495-1 Eurofins Midland

Job Narrative 880-44495-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The samples were received on 6/7/2024 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-31 (2') (880-44495-1), CS-32 (2') (880-44495-2), CS-33 (2') (880-44495-3), CS-34 (2') (880-44495-4) and CS-35 (2') (880-44495-5).

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

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Job ID: 880-44495-1 SDG: Lea Co. NM

Project/Site: Paduca Main Client Sample ID: CS-31 (2')

Lab Sample ID: 880-44495-1

Matrix: Solid

Date Collected: 06/07/24 00:00 Date Received: 06/07/24 12:00

Client: Carmona Resources

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		06/07/24 12:00	06/07/24 14:41	-
Toluene	< 0.00199	U	0.00199		mg/Kg		06/07/24 12:00	06/07/24 14:41	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		06/07/24 12:00	06/07/24 14:41	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/07/24 12:00	06/07/24 14:41	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		06/07/24 12:00	06/07/24 14:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/07/24 12:00	06/07/24 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	103		70 - 130				06/07/24 12:00	06/07/24 14:41	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/07/24 12:00	06/07/24 14:41	1
Method: TAL SOP Total BTEX -	Total BTEX Cale	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/07/24 14:41	
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH					O		opaioa	Analy 200	
	\49.0	U	49.8		mg/Kg			06/08/24 19:50	1
- -	\49.0	U	49.8		mg/Kg			06/08/24 19:50	1
Method: SW846 8015B NM - Die					mg/Kg			06/08/24 19:50	1
Method: SW846 8015B NM - Die Analyte	esel Range Orga Result	nics (DRO) Qualifier		MDL			Prepared	06/08/24 19:50 Analyzed	Dil Fac
Analyte Gasoline Range Organics	esel Range Orga	nics (DRO) Qualifier	(GC)	MDL		<u>D</u>	Prepared 06/05/24 09:33		
Analyte Gasoline Range Organics (GRO)-C6-C10	esel Range Orga Result <49.8	Qualifier	(GC) RL 49.8	MDL	Unit mg/Kg	<u>D</u>	06/05/24 09:33	Analyzed 06/08/24 19:50	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	esel Range Orga Result	Qualifier	(GC)	MDL	Unit	<u>D</u>	<u>.</u>	Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range Orga Result <49.8 <49.8	Qualifier	(GC) RL 49.8	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 19:50 06/08/24 19:50	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	esel Range Orga Result <49.8 <49.8 <49.8	Qualifier U	(GC) RL 49.8 49.8 49.8	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	06/05/24 09:33 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	esel Range Orga Result <49.8 <49.8	Qualifier U	(GC) RL 49.8	MDL	Unit mg/Kg mg/Kg	<u>D</u>	06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 19:50 06/08/24 19:50	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate	Result Capability Capabil	Qualifier U U U	(GC) RL 49.8 49.8 49.8 49.8 Limits	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 <i>Prepared</i>	Analyzed 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	Result Capability Capabil	Qualifier U U U	(GC) RL 49.8 49.8 49.8 49.8 49.8	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate	Result Capability Capabil	Qualifier U U U	(GC) RL 49.8 49.8 49.8 49.8 Limits	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 <i>Prepared</i>	Analyzed 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 Analyzed	
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	Result	Qualifier U U Qualifier	(GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 Prepared 06/05/24 09:33	Analyzed 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 Analyzed 06/08/24 19:50	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U Qualifier	(GC) RL 49.8 49.8 49.8 49.8 Limits 70 - 130 70 - 130	MDL	Unit mg/Kg mg/Kg mg/Kg	D	06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 Prepared 06/05/24 09:33	Analyzed 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 06/08/24 19:50 Analyzed 06/08/24 19:50	Dil Fac

Client Sample ID: CS-32 (2') Lab Sample ID: 880-44495-2 Date Collected: 06/07/24 00:00

5.01

mg/Kg

52.9

Date Received: 06/07/24 12:00

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/07/24 12:00	06/07/24 16:58	
Toluene	<0.00200	U	0.00200		mg/Kg		06/07/24 12:00	06/07/24 16:58	•
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/07/24 12:00	06/07/24 16:58	•
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/07/24 12:00	06/07/24 16:58	
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/07/24 12:00	06/07/24 16:58	•
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/07/24 12:00	06/07/24 16:58	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	100		70 - 130				06/07/24 12:00	06/07/24 16:58	-
1,4-Difluorobenzene (Surr)	100		70 ₋ 130				06/07/24 12:00	06/07/24 16:58	

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06/09/24 12:34

Matrix: Solid

Job ID: 880-44495-1

SDG: Lea Co. NM

Client Sample ID: CS-32 (2')

Lab Sample ID: 880-44495-2 Date Collected: 06/07/24 00:00 Matrix: Solid

Date Received: 06/07/24 12:00

Client: Carmona Resources

Project/Site: Paduca Main

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/07/24 16:58	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/08/24 20:19	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8		mg/Kg		06/05/24 09:33	06/08/24 20:19	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.8	U	49.8		mg/Kg		06/05/24 09:33	06/08/24 20:19	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/05/24 09:33	06/08/24 20:19	1
Total TPH	<49.8	U	49.8		mg/Kg		06/05/24 09:33	06/08/24 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				06/05/24 09:33	06/08/24 20:19	1
o-Terphenyl	100		70 - 130				06/05/24 09:33	06/08/24 20:19	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.7		4.99		mg/Kg			06/09/24 13:42	1

Client Sample ID: CS-33 (2') Lab Sample ID: 880-44495-3

Date Collected: 06/07/24 00:00 Date Received: 06/07/24 12:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/07/24 12:00	06/07/24 17:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/07/24 12:00	06/07/24 17:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/07/24 12:00	06/07/24 17:18	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/07/24 12:00	06/07/24 17:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/07/24 12:00	06/07/24 17:18	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/07/24 12:00	06/07/24 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/07/24 12:00	06/07/24 17:18	1
1,4-Difluorobenzene (Surr)	101		70 - 130				06/07/24 12:00	06/07/24 17:18	1
- Method: TAL SOP Total BTEX	- Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Total BTEX	<0.00397		0.00397	MDL	mg/Kg	<u>D</u>	Prepared	Analyzed 06/07/24 17:18	Dil Fac
Total BTEX	<0.00397	U	0.00397	MDL		<u>D</u>	Prepared		Dil Fac
Total BTEX Method: SW846 8015 NM - Die	<0.00397	U	0.00397	MDL MDL		D_	Prepared Prepared		Dil Fac Dil Fac
	<0.00397	ics (DRO) (C	0.00397 GC)		mg/Kg			06/07/24 17:18	1
Total BTEX Method: SW846 8015 NM - Die Analyte	<0.00397 esel Range Organ Result <49.5	ics (DRO) ((Qualifier	0.00397 GC) RL 49.5		mg/Kg			06/07/24 17:18 Analyzed	1
Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	<0.00397 esel Range Organ Result <49.5 Diesel Range Organ	ics (DRO) ((Qualifier	0.00397 GC) RL 49.5		mg/Kg			06/07/24 17:18 Analyzed	1

Eurofins Midland

Matrix: Solid

(GRO)-C6-C10

Job ID: 880-44495-1 SDG: Lea Co. NM

Project/Site: Paduca Main

Client: Carmona Resources

Lab Sample ID: 880-44495-3

Matrix: Solid

Client Sample ID: CS-33 (2') Date Collected: 06/07/24 00:00

Date Received: 06/07/24 12:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over	<49.5	U	49.5		mg/Kg		06/05/24 09:33	06/08/24 20:34	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		06/05/24 09:33	06/08/24 20:34	1
Total TPH	<49.5	U	49.5		mg/Kg		06/05/24 09:33	06/08/24 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				06/05/24 09:33	06/08/24 20:34	1
o-Terphenyl	105		70 - 130				06/05/24 09:33	06/08/24 20:34	1

Analyte Result Qualifier RL MDL Unit Prepared Dil Fac D Analyzed 4.95 06/09/24 13:47 Chloride 53.2 mg/Kg

Client Sample ID: CS-34 (2')

Lab Sample ID: 880-44495-4 Date Collected: 06/07/24 00:00 Matrix: Solid

Date Received: 06/07/24 12:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/07/24 12:00	06/07/24 17:39	1
Toluene	< 0.00201	U	0.00201		mg/Kg		06/07/24 12:00	06/07/24 17:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/07/24 12:00	06/07/24 17:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/07/24 12:00	06/07/24 17:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/07/24 12:00	06/07/24 17:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/07/24 12:00	06/07/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/07/24 12:00	06/07/24 17:39	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/07/24 12:00	06/07/24 17:39	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/07/24 17:39	1
Total BTEX Method: SW846 8015 NM - Diese					mg/Kg			06/07/24 17:39	1
• •	el Range Organ			MDL	mg/Kg Unit	D	Prepared	06/07/24 17:39 Analyzed	
: Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)	MDL		<u>D</u>	Prepared		Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH	Result <49.6	ics (DRO) (Gualifier	RL 49.6	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte	el Range Organ Result <49.6 sel Range Organ	ics (DRO) (Gualifier	RL 49.6		Unit	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Dies	el Range Organ Result <49.6 sel Range Organ	ics (DRO) (Qualifier U unics (DRO) Qualifier	RL 49.6 (GC)		Unit mg/Kg		<u> </u>	Analyzed 06/08/24 20:51	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	el Range Organ Result Result Result Result Result	Qualifier U Inics (DRO) Qualifier U Qualifier U	RL 49.6 (GC)		Unit mg/Kg		Prepared	Analyzed 06/08/24 20:51	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result <49.6 sel Range Orga Result <49.6 <49.6	ics (DRO) (Control of the control of	GC) RL 49.6 (GC) RL 49.6 49.6		Unit mg/Kg Unit mg/Kg		Prepared 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 20:51 Analyzed 06/08/24 20:51 06/08/24 20:51	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result Result 49.6 Result 49.6 Result 49.6	ics (DRO) (Control of the control of	(GC) RL 49.6 RL 49.6		Unit mg/Kg Unit mg/Kg		Prepared 06/05/24 09:33	Analyzed 06/08/24 20:51 Analyzed 06/08/24 20:51	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	el Range Organ Result <49.6 sel Range Orga Result <49.6 <49.6	ics (DRO) (Qualifier U unics (DRO) Qualifier U U	GC) RL 49.6 (GC) RL 49.6 49.6		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 20:51 Analyzed 06/08/24 20:51 06/08/24 20:51	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	el Range Organ Result <49.6 sel Range Orga Result <49.6 <49.6 <49.6	ics (DRO) (Qualifier U unics (DRO) Qualifier U U U	GC) RL 49.6 (GC) RL 49.6 49.6 49.6 49.6		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 20:51 Analyzed 06/08/24 20:51 06/08/24 20:51 06/08/24 20:51	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10	el Range Organ Result <49.6 sel Range Orga Result <49.6 <49.6 <49.6 <49.6	ics (DRO) (Qualifier U unics (DRO) Qualifier U U U	GC) RL 49.6 (GC) RL 49.6 49.6 49.6 49.6 49.6		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 20:51 Analyzed 06/08/24 20:51 06/08/24 20:51 06/08/24 20:51	Dil Fac Dil Fac 1 Dil Fac 1 Dil Fac 1 Dil Fac 1

Job ID: 880-44495-1 SDG: Lea Co. NM

Client: Carmona Resources
Project/Site: Paduca Main

Lab Sample ID: 880-44495-4

Client Sample ID: CS-34 (2')
Date Collected: 06/07/24 00:00

Matrix: Solid

Date Received: 06/07/24 12:00

Method: EPA 300.0 - Anions, Ion Ch	romatography -	- Soluble					
Analyte	Result Qua	alifier RL	MDL U	Unit D	Prepared	Analyzed	Dil Fac
Chloride	69.8	5.05	r	mg/Kg		06/09/24 13:52	1

Client Sample ID: CS-35 (2')

Date Collected: 06/07/24 00:00

Lab Sample ID: 880-44495-5

Matrix: Solid

Date Received: 06/07/24 12:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/07/24 12:00	06/07/24 17:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/07/24 12:00	06/07/24 17:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/07/24 12:00	06/07/24 17:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/07/24 12:00	06/07/24 17:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/07/24 12:00	06/07/24 17:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/07/24 12:00	06/07/24 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/07/24 12:00	06/07/24 17:59	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/07/24 12:00	06/07/24 17:59	1

	Method: TAL SOP Total BTEX - Total E	STEX Cal	culation							
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
L	Total BTEX	<0.00402	U	0.00402		mg/Kg			06/07/24 17:59	1

Method: SW846 8015 NM - Diesel Ra	nge Organics (DRO)) (GC)					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7 U	49.7	mg/Kg			06/08/24 21:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/05/24 09:33	06/08/24 21:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/05/24 09:33	06/08/24 21:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/05/24 09:33	06/08/24 21:06	1
Total TPH	<49.7	U	49.7		mg/Kg		06/05/24 09:33	06/08/24 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				06/05/24 09:33	06/08/24 21:06	1
o-Terphenyl	104		70 - 130				06/05/24 09:33	06/08/24 21:06	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.9		5.05		mg/Kg			06/09/24 13:57	1

Surrogate Summary

Job ID: 880-44495-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

_			
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-44465-A-2-B MS	Matrix Spike	102	100
880-44465-A-2-C MSD	Matrix Spike Duplicate	100	100
880-44495-1	CS-31 (2')	103	102
880-44495-2	CS-32 (2')	100	100
880-44495-3	CS-33 (2')	103	101
880-44495-4	CS-34 (2')	103	103
880-44495-5	CS-35 (2')	106	103
LCS 880-82573/1-A	Lab Control Sample	101	101
LCSD 880-82573/2-A	Lab Control Sample Dup	101	101
MB 880-82573/5-A	Method Blank	102	98
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)	
880-44495-1	CS-31 (2')	107	104	
880-44495-2	CS-32 (2')	103	100	
880-44495-3	CS-33 (2')	107	105	
880-44495-4	CS-34 (2')	105	103	
880-44495-5	CS-35 (2')	107	104	
890-6736-A-26-C MS	Matrix Spike	126	103	
890-6736-A-26-D MSD	Matrix Spike Duplicate	128	103	
LCS 880-82367/2-A	Lab Control Sample	116	95	
LCSD 880-82367/3-A	Lab Control Sample Dup	116	90	
MB 880-82367/1-A	Method Blank	125	114	

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44495-1 SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-82573/5-A

Lab Sample ID: LCS 880-82573/1-A

Matrix: Solid

Matrix: Solid

Analysis Batch: 82563

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 82573

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/07/24 09:27	06/07/24 11:35	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/07/24 09:27	06/07/24 11:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/07/24 09:27	06/07/24 11:35	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 82573

Analysis Batch: 82563 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1092 mg/Kg 109 70 - 130 Toluene 0.100 0.09971 mg/Kg 100 70 - 130 0.100 0.09838 Ethylbenzene mg/Kg 98 70 - 130 0.200 0.2053 103 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.1009 101 70 - 130 o-Xylene mg/Kg

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 82563

Lab Sample ID: LCSD 880-82573/2-A

Prep Type: Total/NA Prep Batch: 82573

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	2	35
Toluene	0.100	0.09715		mg/Kg		97	70 - 130	3	35
Ethylbenzene	0.100	0.09591		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2004		mg/Kg		100	70 - 130	2	35
o-Xylene	0.100	0.09856		mg/Kg		99	70 - 130	2	35

LCSD LCSD

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

Lab Sample ID: 880-44465-A-2-B MS

Matrix: Solid

Analysis Batch: 82563

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

Prep Batch: 82573

-	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0996	0.1072		mg/Kg		108	70 - 130	
Toluene	<0.00199	U	0.0996	0.09655		mg/Kg		97	70 - 130	

QC Sample Results

Job ID: 880-44495-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

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

Lab Sample ID: 880-44465-A-2-B MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 82563

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Ethylbenzene < 0.00199 U 0.0996 0.09338 94 70 - 130 mg/Kg m-Xylene & p-Xylene <0.00398 0.199 0.1940 mg/Kg 97 70 - 130 0.0996 o-Xylene <0.00199 U 0.09496 95 70 - 130 mg/Kg

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-44465-A-2-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 82563

Prep Type: Total/NA

Prep Batch: 82573

Prep Batch: 82573

Sample Sample Spike MSD MSD RPD Result Qualifier Added RPD Limit Analyte Result Qualifier Unit %Rec Limits Benzene <0.00199 U 0.101 0.1056 mg/Kg 105 70 - 130 35 0.09519 Toluene <0.00199 0.101 mg/Kg 94 70 - 130 35 Ethylbenzene <0.00199 0.101 0.09221 91 70 - 130 35 U mg/Kg 0.202 0.1918 70 - 130 35 m-Xylene & p-Xylene <0.00398 U mg/Kg 95 <0.00199 U 0.101 0.09409 93 70 - 130 o-Xylene mg/Kg

MSD MSD

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

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

Client Sample ID: Method Blank Lab Sample ID: MB 880-82367/1-A **Matrix: Solid**

Analysis Batch: 82709

Prep Type: Total/NA

Prep Batch: 82367

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/05/24 09:33	06/08/24 13:22	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/05/24 09:33	06/08/24 13:22	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/05/24 09:33	06/08/24 13:22	1
Total TPH	<50.0	U	50.0		mg/Kg		06/05/24 09:33	06/08/24 13:22	1

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	06/05/24 09	:33 06/08/24 13:22	1
o-Terphenyl	114		70 - 130	06/05/24 09	:33 06/08/24 13:22	1

Lab Sample ID: LCS 880-82367/2-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 82709

Prep Batch: 82367 LCS LCS Spike %Rec

Added Result Qualifier Analyte Unit %Rec Limits Gasoline Range Organics 1000 1138 114 70 - 130 mg/Kg

(GRO)-C6-C10

Eurofins Midland

Prep Type: Total/NA

C10-C28)

QC Sample Results

Client: Carmona Resources

Job ID: 880-44495-1

Project/Site: Paduca Main

SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-82367/2-A

Matrix: Solid

Analysis Batch: 82709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82367

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics (Over	1000	1007		mg/Kg		101	70 - 130	
C10-C28)								

	LCS LCS				
Surrogate	%Recovery	Qualifier	Limits		
1-Chlorooctane	116		70 - 130		
o-Terphenyl	95		70 - 130		

Lab Sample ID: LCSD 880-82367/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 82709 Prep Batch: 82367

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1085		mg/Kg		108	70 - 130	5	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	982.7		mg/Kg		98	70 - 130	2	20

	LCSD LCSD	
Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	116	70 - 130
o-Terphenyl	90	70 - 130

Lab Sample ID: 890-6736-A-26-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Matrix: Solid Prep Type: Total/NA
Analysis Batch: 82709 Prep Batch: 82367

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	1114		mg/Kg		112	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.7	U	998	975.2		mg/Kg		98	70 - 130	

C10-C28)			
	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	126		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: 890-6736-A-26-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Matrix: Solid
Analysis Batch: 82709

Prep Batch: 82367

Prep Batch: 82367

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.7	U	998	1136		mg/Kg		114	70 - 130	2	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.7	U	998	974.4		mg/Kg		98	70 - 130	0	20
C40 C30)											

C10-C28)				3 3
	MSD	MSD		
Surrogate	%Recovery	Qualifier	Limits	
1-Chlorooctane	128		70 - 130	
o-Terphenyl	103		70 - 130	

QC Sample Results

Client: Carmona Resources

Job ID: 880-44495-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-82692/1-A

Matrix: Solid

Analysis Batch: 82704

Client Sample ID: Method Blank
Prep Type: Soluble

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Chloride
 <5.00</td>
 U
 5.00
 mg/Kg
 06/09/24 11:48
 1

Lab Sample ID: LCS 880-82692/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 82704

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 262.0 mg/Kg 105 90 - 110

Lab Sample ID: LCSD 880-82692/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 82704

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 262.9 105 mg/Kg 90 - 110

Lab Sample ID: 880-44487-A-1-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Soluble

Matrix. Cond

Analysis Batch: 82704

MS MS Sample Sample Spike %Rec Analyte Qualifier Added %Rec Result Result Qualifier Unit Limits Chloride 1740 1240 3006 102 90 - 110 mg/Kg

Lab Sample ID: 880-44487-A-1-C MSD

Matrix: Solid

Analysis Batch: 82704

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 1240 Chloride 1740 3023 mg/Kg 103 90 - 110 20

Eurofins Midland

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

QC Association Summary

Client: Carmona Resources

Job ID: 880-44495-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA

Analysis Batch: 82563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-1	CS-31 (2')	Total/NA	Solid	8021B	82573
880-44495-2	CS-32 (2')	Total/NA	Solid	8021B	82573
880-44495-3	CS-33 (2')	Total/NA	Solid	8021B	82573
880-44495-4	CS-34 (2')	Total/NA	Solid	8021B	82573
880-44495-5	CS-35 (2')	Total/NA	Solid	8021B	82573
MB 880-82573/5-A	Method Blank	Total/NA	Solid	8021B	82573
LCS 880-82573/1-A	Lab Control Sample	Total/NA	Solid	8021B	82573
LCSD 880-82573/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	82573
880-44465-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	82573
880-44465-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	82573

Prep Batch: 82573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-1	CS-31 (2')	Total/NA	Solid	5035	<u> </u>
880-44495-2	CS-32 (2')	Total/NA	Solid	5035	
880-44495-3	CS-33 (2')	Total/NA	Solid	5035	
880-44495-4	CS-34 (2')	Total/NA	Solid	5035	
880-44495-5	CS-35 (2')	Total/NA	Solid	5035	
MB 880-82573/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-82573/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-82573/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-44465-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
880-44465-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 82691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-1	CS-31 (2')	Total/NA	Solid	Total BTEX	
880-44495-2	CS-32 (2')	Total/NA	Solid	Total BTEX	
880-44495-3	CS-33 (2')	Total/NA	Solid	Total BTEX	
880-44495-4	CS-34 (2')	Total/NA	Solid	Total BTEX	
880-44495-5	CS-35 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 82367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-1	CS-31 (2')	Total/NA	Solid	8015NM Prep	
880-44495-2	CS-32 (2')	Total/NA	Solid	8015NM Prep	
880-44495-3	CS-33 (2')	Total/NA	Solid	8015NM Prep	
880-44495-4	CS-34 (2')	Total/NA	Solid	8015NM Prep	
880-44495-5	CS-35 (2')	Total/NA	Solid	8015NM Prep	
MB 880-82367/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-82367/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-82367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6736-A-26-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-6736-A-26-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 82709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-1	CS-31 (2')	Total/NA	Solid	8015B NM	82367
880-44495-2	CS-32 (2')	Total/NA	Solid	8015B NM	82367

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Page 15 of 23

QC Association Summary

Client: Carmona Resources

Job ID: 880-44495-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC Semi VOA (Continued)

Analysis Batch: 82709 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-3	CS-33 (2')	Total/NA	Solid	8015B NM	82367
880-44495-4	CS-34 (2')	Total/NA	Solid	8015B NM	82367
880-44495-5	CS-35 (2')	Total/NA	Solid	8015B NM	82367
MB 880-82367/1-A	Method Blank	Total/NA	Solid	8015B NM	82367
LCS 880-82367/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	82367
LCSD 880-82367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	82367
890-6736-A-26-C MS	Matrix Spike	Total/NA	Solid	8015B NM	82367
890-6736-A-26-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	82367

Analysis Batch: 82802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-1	CS-31 (2')	Total/NA	Solid	8015 NM	
880-44495-2	CS-32 (2')	Total/NA	Solid	8015 NM	
880-44495-3	CS-33 (2')	Total/NA	Solid	8015 NM	
880-44495-4	CS-34 (2')	Total/NA	Solid	8015 NM	
880-44495-5	CS-35 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 82692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-1	CS-31 (2')	Soluble	Solid	DI Leach	
880-44495-2	CS-32 (2')	Soluble	Solid	DI Leach	
880-44495-3	CS-33 (2')	Soluble	Solid	DI Leach	
880-44495-4	CS-34 (2')	Soluble	Solid	DI Leach	
880-44495-5	CS-35 (2')	Soluble	Solid	DI Leach	
MB 880-82692/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-82692/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-82692/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-44487-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-44487-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 82704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44495-1	CS-31 (2')	Soluble	Solid	300.0	82692
880-44495-2	CS-32 (2')	Soluble	Solid	300.0	82692
880-44495-3	CS-33 (2')	Soluble	Solid	300.0	82692
880-44495-4	CS-34 (2')	Soluble	Solid	300.0	82692
880-44495-5	CS-35 (2')	Soluble	Solid	300.0	82692
MB 880-82692/1-A	Method Blank	Soluble	Solid	300.0	82692
LCS 880-82692/2-A	Lab Control Sample	Soluble	Solid	300.0	82692
LCSD 880-82692/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	82692
880-44487-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	82692
880-44487-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	82692

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Client Sample ID: CS-31 (2')

Date Collected: 06/07/24 00:00 Date Received: 06/07/24 12:00

Lab Sample ID: 880-44495-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	82573	06/07/24 12:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82563	06/07/24 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82691	06/07/24 14:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			82802	06/08/24 19:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	82367	06/05/24 09:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82709	06/08/24 19:50	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	82692	06/07/24 16:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82704	06/09/24 12:34	CH	EET MID

Client Sample ID: CS-32 (2') Lab Sample ID: 880-44495-2 Date Collected: 06/07/24 00:00

Date Received: 06/07/24 12:00

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	82573	06/07/24 12:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82563	06/07/24 16:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82691	06/07/24 16:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			82802	06/08/24 20:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	82367	06/05/24 09:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82709	06/08/24 20:19	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	82692	06/07/24 16:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82704	06/09/24 13:42	CH	EET MID

Client Sample ID: CS-33 (2') Lab Sample ID: 880-44495-3 Date Collected: 06/07/24 00:00

Date Received: 06/07/24 12:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	82573	06/07/24 12:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82563	06/07/24 17:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82691	06/07/24 17:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			82802	06/08/24 20:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	82367	06/05/24 09:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82709	06/08/24 20:34	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	82692	06/07/24 16:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82704	06/09/24 13:47	CH	EET MID

Client Sample ID: CS-34 (2') Lab Sample ID: 880-44495-4

Date Collected: 06/07/24 00:00 Date Received: 06/07/24 12:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	82573	06/07/24 12:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82563	06/07/24 17:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82691	06/07/24 17:39	AJ	EET MID

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Matrix: Solid

Matrix: Solid

Client: Carmona Resources Project/Site: Paduca Main Job ID: 880-44495-1 SDG: Lea Co. NM

SDG: Lea

50 mL

82704

06/09/24 13:52

Client Sample ID: CS-34 (2')

Date Collected: 06/07/24 00:00

Lab Sample ID: 880-44495-4 Matrix: Solid

EET MID

Date Received: 06/07/24 12:00

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			82802	06/08/24 20:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	82367	06/05/24 09:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82709	06/08/24 20:51	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	82692	06/07/24 16:22	SA	EET MID

Client Sample ID: CS-35 (2')

Lab Sample ID: 880-44495-5

Date Collected: 06/07/24 00:00 Matrix: Solid

50 mL

Date Received: 06/07/24 12:00

Soluble

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	82573	06/07/24 12:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82563	06/07/24 17:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82691	06/07/24 17:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			82802	06/08/24 21:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	82367	06/05/24 09:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82709	06/08/24 21:06	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	82692	06/07/24 16:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82704	06/09/24 13:57	CH	EET MID

Laboratory References:

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

300.0

Analysis

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-44495-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Laboratory: Eurofins Midland

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

ıthority	Progra	am	Identification Number	Expiration Date
xas	NELA	Р	T104704400-23-26	06-30-24
The following analytes	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency d	oes not offer certification.	•	, , ,	,
Analysis Method	Prep Method	Matrix	Analyte	
300.0		Solid	Chloride	
8015 NM		Solid	Total TPH	
8015B NM	8015NM Prep	Solid	Diesel Range Organics (O	ver C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics	(GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over	C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH	
8021B	5035	Solid	Benzene	
8021B	5035	Solid	Ethylbenzene	
8021B	5035	Solid	m-Xylene & p-Xylene	
8021B	5035	Solid	o-Xylene	
8021B	5035	Solid	Toluene	
8021B	5035	Solid	Xylenes, Total	
Total BTEX		Solid	Total BTEX	

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Method Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44495-1

SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44495-1 SI

ID. 000 -444 95-1	
DG: Lea Co. NM	

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-44495-1	CS-31 (2')	Solid	06/07/24 00:00	06/07/24 12:00
880-44495-2	CS-32 (2')	Solid	06/07/24 00:00	06/07/24 12:00
880-44495-3	CS-33 (2')	Solid	06/07/24 00:00	06/07/24 12:00
880-44495-4	CS-34 (2')	Solid	06/07/24 00:00	06/07/24 12:00
880-44495-5	CS-35 (2')	Solid	06/07/24 00:00	06/07/24 12:00

Chain of Custody

6/10/2024

Released to Imaging: 8/20/2024 3:08:55 PM

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880-44495 Chain of Custody

Section 4.6.	0	a a la sila sa			Dill to re se			h 1/222								Wor	Order	Page1				
Project Manager.	Connor M		_		Bill to: (if different)				h Varg													
Company Name:	Carmona	Resources			Compan	Company Name: Address:		ompany Name: NGL Water Solutions Permian			4 "					perfund [
Address:	310 W W	all St Ste 500			Address:			865 N. Albino Street, Suite 400				-	of Pro	•	_	_	_					
City, State ZIP:	Midland,	TX 79701		_	City, Star	e ZIP:		Denve	er, CO	80220				4 1 1	-		Level I		_	Level IV		
hone:	(432) 813	-6823		Ema	il: Joseph.	Vargo@	nglep.co	m						Deliv	erables	EDD		ADaF	Other:			
Project Name:		Paduca Mai	n	Tur	n Around							ANAI	LYSIS RI	QUEST					Preserva	tive Codes		
Project Number:		2206		☐ Routine	☑ Rush		Pres. Code												None: NO	DI Water: H ₂ O		
roject Location		Lea Co. NM	1	Due Date:	24 H	r TAT												- 1	Cool: Cool	MeOH: Me		
Sampler's Name:		JM						و			MRO)					i					HCL: HC	HNO ₃ : HN
PO #:					10		ی			1 1									H ₂ S0 ₄ : H ₂	NaOH: Na		
SAMPLE RECE	IPT	Temp Blank:	Yes No	Wet Ice:	Yes	No	Parameters	6	B _S	0.00									H₃PO₄: HP			
eceived Intact:	(Yes No	Thermometer II):			ıran	802	÷	se 30									NaHSO4: NABIS			
ooler Custody Seal	ls:	Yes No NA	Correction Factor	or:	1		9	BTEX 8021B	8	Chloride 300.0									Na ₂ S ₂ O ₃ : NaSO	3		
ample Custody Sea			Temperature Re	ading:			io io	TPH 8015M (GRO + DRO	5									Zn Acetate+NaC)H: Zn			
otal Containers:			Corrected Temp	perature:	1				80										NaOH+Ascorbic	Acid: SAPC		
Sample Idei	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		1										Sample C	comments		
CS-31	(2')	6/7/2024		Х		С	1	Х	Х	Х												
CS-32	2 (2')	6/7/2024		Х		С	1	Х	Х	Х												
CS-33	3 (2')	6/7/2024		Х		С	1	Х	Х	Х												
CS-34	(2')	6/7/2024		Х		С	1	X	Х	Х												
CS-35	5 (2')	6/7/2024		Х		С	1	Х	Х	Х												
								1														

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Ivan Paros	47/24@11:57		(0)724 JAN
			1

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-44495-1 SDG Number: Lea Co. NM

Login Number: 44495 **List Source: Eurofins Midland**

List Number: 1

Creator: Vasquez, Julisa

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

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/10/2024 2:53:31 PM

JOB DESCRIPTION

Paduca Main Lea Co. NM

JOB NUMBER

880-44494-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 6/10/2024 2:53:31 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 Client: Carmona Resources Project/Site: Paduca Main Laboratory Job ID: 880-44494-1 SDG: Lea Co. NM

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Certification Summary	15
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Sample Summary	17
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Eurofins Midland

6/10/2024

Definitions/Glossary

Job ID: 880-44494-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

¤ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid Colony Forming Unit CFU **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) Limit of Quantitation (DoD/DOE) LOQ

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

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

Toxicity Equivalent Factor (Dioxin) TFF Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Case Narrative

Client: Carmona Resources Project: Paduca Main Job ID: 880-44494-1

Job ID: 880-44494-1 Eurofins Midland

Job Narrative 880-44494-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The sample was received on 6/7/2024 12:00 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 1.0°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Antelope Station Pit (880-44494-1).

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Midland

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Client Sample Results

Client: Carmona Resources

Job ID: 880-44494-1
Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: Antelope Station Pit

Date Collected: 06/07/24 00:00 Date Received: 06/07/24 12:00 Lab Sample ID: 880-44494-1

06/05/24 09:33

06/08/24 19:34

Matrix: Solid

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/07/24 12:00	06/07/24 14:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/07/24 12:00	06/07/24 14:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/07/24 12:00	06/07/24 14:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/07/24 12:00	06/07/24 14:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/07/24 12:00	06/07/24 14:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/07/24 12:00	06/07/24 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/07/24 12:00	06/07/24 14:20	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/07/24 12:00	06/07/24 14:20	1

Method: TAL SOP Total BTEX - To	tal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			06/07/24 14:20	-

Method: SW846 8015 NM - Diesei R	ange Organics ((DRO) (GC)					
Analyte	Result Qua	alifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1 U	50.1	mg/Kg			06/08/24 19:34	1
_							

Method: SW846 8015B NM - Dies	sel Range Orga	inics (DRO)) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/05/24 09:33	06/08/24 19:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/05/24 09:33	06/08/24 19:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/05/24 09:33	06/08/24 19:34	1
Total TPH	<50.1	U	50.1		mg/Kg		06/05/24 09:33	06/08/24 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				06/05/24 09:33	06/08/24 19:34	1

Method: EPA 300.0 - Anions, Ion C							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.5	4.98	mg/Kg			06/09/24 12:28	1

70 - 130

o-Terphenyl

Surrogate Summary

Client: Carmona Resources

Job ID: 880-44494-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Re
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-44465-A-2-B MS	Matrix Spike	102	100	
880-44465-A-2-C MSD	Matrix Spike Duplicate	100	100	
880-44494-1	Antelope Station Pit	105	103	
LCS 880-82573/1-A	Lab Control Sample	101	101	
LCSD 880-82573/2-A	Lab Control Sample Dup	101	101	
MB 880-82573/5-A	Method Blank	102	98	
Surrogate Legend				
BFB = 4-Bromofluoroben	zene (Surr)			
DFBZ = 1,4-Difluorobenz	ene (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)	
880-44494-1	Antelope Station Pit	101	96	
890-6736-A-26-C MS	Matrix Spike	126	103	
890-6736-A-26-D MSD	Matrix Spike Duplicate	128	103	
LCS 880-82367/2-A	Lab Control Sample	116	95	
LCSD 880-82367/3-A	Lab Control Sample Dup	116	90	
MB 880-82367/1-A	Method Blank	125	114	
Surrogate Legend				

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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Client: Carmona Resources Job ID: 880-44494-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-82573/5-A

Matrix: Solid Analysis Batch: 82563 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 82573

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/07/24 09:27	06/07/24 11:35	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/07/24 09:27	06/07/24 11:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/07/24 09:27	06/07/24 11:35	1

Lab Sample ID: LCS 880-82573/1-A

Matrix: Solid

Analysis Batch: 82563

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 82573

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1092 mg/Kg 109 70 - 130 Toluene 0.100 0.09971 mg/Kg 100 70 - 130 0.100 0.09838 Ethylbenzene mg/Kg 98 70 - 130 0.200 0.2053 103 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.1009 101 70 - 130 o-Xylene mg/Kg

LCS LCS

Surrogate	%Recovery Qu	ıalifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-82573/2-A

Matrix: Solid

Analysis Batch: 82563

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 82573

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	2	35
Toluene	0.100	0.09715		mg/Kg		97	70 - 130	3	35
Ethylbenzene	0.100	0.09591		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2004		mg/Kg		100	70 - 130	2	35
o-Xylene	0.100	0.09856		mg/Kg		99	70 - 130	2	35

LCSD LCSD

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

Lab Sample ID: 880-44465-A-2-B MS

Matrix: Solid

Analysis Batch: 82563

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

Prep Batch: 82573

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0996	0.1072		mg/Kg		108	70 - 130	. —— —
Toluene	<0.00199	U	0.0996	0.09655		mg/Kg		97	70 - 130	

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QC Sample Results

Job ID: 880-44494-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

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

Lab Sample ID: 880-44465-A-2-B MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 82563 Prep Batch: 82573

	Sample	Sample	Spike	IVIO	IVIS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylbenzene	<0.00199	U	0.0996	0.09338		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1940		mg/Kg		97	70 - 130
o-Xylene	< 0.00199	U	0.0996	0.09496		mg/Kg		95	70 - 130

MS MS %Recovery Qualifier Limits Surrogate 70 - 130 4-Bromofluorobenzene (Surr) 102 1,4-Difluorobenzene (Surr) 70 - 130 100

Lab Sample ID: 880-44465-A-2-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid Prep Type: Total/NA Analysis Batch: 82563 Prep Batch: 82573

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.101	0.1056		mg/Kg		105	70 - 130	1	35
Toluene	<0.00199	U	0.101	0.09519		mg/Kg		94	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.101	0.09221		mg/Kg		91	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1918		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00199	U	0.101	0.09409		mg/Kg		93	70 - 130	1	35

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

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

Lab Sample ID: MB 880-82367/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 82709 Prep Batch: 82367 MR MR

	IND	1110							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		06/05/24 09:33	06/08/24 13:22	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		06/05/24 09:33	06/08/24 13:22	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/05/24 09:33	06/08/24 13:22	1
Total TPH	<50.0	U	50.0		mg/Kg		06/05/24 09:33	06/08/24 13:22	1

MB MB Qualifier Dil Fac Surrogate %Recovery Limits Prepared Analyzed 1-Chlorooctane 125 70 - 130 06/05/24 09:33 06/08/24 13:22 o-Terphenyl 114 70 - 130 06/05/24 09:33 06/08/24 13:22

Lab Sample ID: LCS 880-82367/2-A Client Sample ID: Lab Control Sample

Matrix: Solid Prep Type: Total/NA

Analysis Batch: 82709 Prep Batch: 82367 LCS LCS Spike %Rec

Added Result Qualifier Analyte Unit %Rec Limits Gasoline Range Organics 1000 1138 114 70 - 130 mg/Kg

(GRO)-C6-C10

Job ID: 880-44494-1

Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-82367/2-A			Client Sample ID: Lab Control Sample
Matrix: Solid			Prep Type: Total/NA
Analysis Batch: 82709			Prep Batch: 82367
	Spike	LCS LCS	%Rec

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics (Over		1000	1007		mg/Kg		101	70 - 130	
C10-C28)									

LCS LCS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 116 70 - 130 o-Terphenyl 95 70 - 130

Lab Sample ID: LCSD 880-82367/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid Prep Type: Total/NA Analysis Batch: 82709 Prep Batch: 82367

LCSD LCSD %Rec RPD Spike Result Qualifier Limit Analyte Added Unit %Rec Limits RPD 1000 1085 108 70 - 130 20 Gasoline Range Organics mg/Kg 5 (GRO)-C6-C10 Diesel Range Organics (Over 1000 982.7 mg/Kg 98 70 - 130 2 20

LCSD LCSD

C10-C28)

o-Terphenyl

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 116 70 - 130 o-Terphenyl 90 70 - 130

Client Sample ID: Matrix Spike Lab Sample ID: 890-6736-A-26-C MS **Matrix: Solid** Prep Type: Total/NA

Prep Batch: 82367 **Analysis Batch: 82709**

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.7	U	998	1114		mg/Kg		112	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.7	U	998	975.2		mg/Kg		98	70 - 130	
C10-C28)										

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 126 70 - 130

103

Lab Sample ID: 890-6736-A-26-D MSD Client Sample ID: Matrix Spike Duplicate

70 - 130

Matrix: Solid Analysis Batch: 82709 Prep Batch: 82367

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	<49.7	U	998	1136		mg/Kg		114	70 - 130	2	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	<49.7	H	998	974 4		ma/Ka		98	70 130	Λ	20	

(GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.7 U	998	974.4	mg/Kg	98	70 - 130	0	20
	MSD MSD							

%Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 128 103 70 - 130 o-Terphenyl

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Prep Type: Total/NA

QC Sample Results

Client: Carmona Resources Job ID: 880-44494-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-82692/1-A

Matrix: Solid

Analysis Batch: 82704

Client Sample ID: Method Blank **Prep Type: Soluble**

Dil Fac MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 06/09/24 11:48

Lab Sample ID: LCS 880-82692/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 82704

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit D %Rec Limits Chloride 250 262.0 mg/Kg 105 90 - 110

MB MB

Lab Sample ID: LCSD 880-82692/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 82704

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 262.9 105 mg/Kg 90 - 110

Lab Sample ID: 880-44487-A-1-B MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 82704

MS MS Sample Sample Spike %Rec Analyte Qualifier Added %Rec Result Result Qualifier Unit Limits Chloride 1740 1240 3006 102 90 - 110 mg/Kg

Lab Sample ID: 880-44487-A-1-C MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Analysis Batch: 82704

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 1240 Chloride 1740 3023 mg/Kg 103 90 - 110 20

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Prep Type: Soluble

QC Association Summary

Client: Carmona Resources

Job ID: 880-44494-1

Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA

Analysis Batch: 82563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44494-1	Antelope Station Pit	Total/NA	Solid	8021B	82573
MB 880-82573/5-A	Method Blank	Total/NA	Solid	8021B	82573
LCS 880-82573/1-A	Lab Control Sample	Total/NA	Solid	8021B	82573
LCSD 880-82573/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	82573
880-44465-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	82573
880-44465-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	82573

Prep Batch: 82573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44494-1	Antelope Station Pit	Total/NA	Solid	5035	
MB 880-82573/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-82573/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-82573/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-44465-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
880-44465-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 82690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44494-1	Antelope Station Pit	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 82367

Lab Sample ID 880-44494-1	Client Sample ID Antelope Station Pit	Prep Type Total/NA	Matrix Solid	Method 8015NM Prep	Prep Batch
MB 880-82367/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-82367/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-82367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6736-A-26-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-6736-A-26-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 82709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44494-1	Antelope Station Pit	Total/NA	Solid	8015B NM	82367
MB 880-82367/1-A	Method Blank	Total/NA	Solid	8015B NM	82367
LCS 880-82367/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	82367
LCSD 880-82367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	82367
890-6736-A-26-C MS	Matrix Spike	Total/NA	Solid	8015B NM	82367
890-6736-A-26-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	82367

Analysis Batch: 82801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44494-1	Antelope Station Pit	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 82692

Lab Camula ID	Client Comple ID	Draw Time	Matrix	Mathad	Duan Batah
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44494-1	Antelope Station Pit	Soluble	Solid	DI Leach	
MB 880-82692/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-82692/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-82692/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-44494-1

Project/Site: Paduca Main

SDG: Lea Co. NM

HPLC/IC (Continued)

Leach Batch: 82692 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44487-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-44487-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 82704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44494-1	Antelope Station Pit	Soluble	Solid	300.0	82692
MB 880-82692/1-A	Method Blank	Soluble	Solid	300.0	82692
LCS 880-82692/2-A	Lab Control Sample	Soluble	Solid	300.0	82692
LCSD 880-82692/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	82692
880-44487-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	82692
880-44487-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	82692

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Lab Chronicle

Client: Carmona Resources Job ID: 880-44494-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: Antelope Station Pit

Date Collected: 06/07/24 00:00 Date Received: 06/07/24 12:00

Lab Sample ID: 880-44494-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	82573	06/07/24 12:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82563	06/07/24 14:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82690	06/07/24 14:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			82801	06/08/24 19:34	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	82367	06/05/24 09:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82709	06/08/24 19:34	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	82692	06/07/24 16:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82704	06/09/24 12:28	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 Job ID: 880-44494-1 Project/Site: Paduca Main SDG: Lea Co. NM

Laboratory: Eurofins Midland

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

ority	Progra	am	Identification Number	Expiration Date
	NELA	Р	T104704400-23-26	06-30-24
0 ,	are included in this report, bu	ut the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
300.0		Solid	Chloride	
8015 NM		Solid	Total TPH	
8015B NM	8015NM Prep	Solid	Diesel Range Organics (O	ver C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics	(GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over	C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH	
8021B	5035	Solid	Benzene	
8021B	5035	Solid	Ethylbenzene	
8021B	5035	Solid	m-Xylene & p-Xylene	
8021B	5035	Solid	o-Xylene	
8021B	5035	Solid	Toluene	
8021B	5035	Solid	Xylenes, Total	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44494-1

SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

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Sample Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44494-1

SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-44494-1	Antelope Station Pit	Solid	06/07/24 00:00	06/07/24 12:00

13

Chain of Custody

4 1 M B 1 M B 1 1 M B 1	
880-44494 Chain of Custody	

6/10/2024

Project Manager:	Connor N	loehring			Bill to: (if different) Joseph Vargo						Work Order Comments																	
Company Name:		Resources			Compan	y Name:		NGL V	Water :	Solution	s Permian			_	Program: UST/PST PRP rownfields RC perfund													
Address:	310 W W	all St Ste 500			Address			865 N. Albino Street, Suite 400						State of Project:														
City, State ZIP:		TX 79701			City, State ZIP: Denver, CO 80220						Reporting:Level II Level III ST/UST RRP Level IV																	
Phone:	(432) 813			Ema	il: Joseph		nglep.co	om.							Deliverabl	es: EDI		ADaP	Othe	er.								
Project Name:		Paduca M	ain	Tur	n Around			ANALYSIS REQ					EQU	QUEST				Preservative Codes										
Project Number:		2206		☐ Routine			Pres. Code												None: NO	DI Water: I	H ₂ O							
Project Location		Lea Co. NM Due Date			24 H	r TAT						1							Cooi: Cool	MeOH: Me	ŧ							
Sampler's Name:		JM									<u>6</u>	<u> </u>	8	MRO)		<u>8</u>	i	İ	1	1 1						HCL: HC	HNO ₃ : HN	
PO #:							Parameters		+										H ₂ S0 ₄ : H ₂	NaOH: Na								
SAMPLE RECE	EIPT	Temp Blank:	Yes No	Wet Ice:	Yes	Yes No		⊕	TPH 8015M (GRO + DRO	0.00							1		H₃PO₄: HP									
Received Intact:	poler Custody Seals: Yes No NA				TR	tR8		BTEX 8021B	ģ	Chloride 300.0		İ							NaHSO₄: NAE									
Cooler Custody Sea			Correction Factor		-	(۵	Ě	[g	lori		1							Na ₂ S ₂ O ₃ : NaS									
Sample Custody Seals: Yes No N/A Total Containers:				eading:	1 / .			"	15M	ō			1 1						Zn Acetate+N									
		Corrected Temp	perature:	11.	0			8 H										NaOH+Ascort	oic Acid: SAPC									
Sample Ide	entification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		T.										Sample	Comments								
Antelope S	Station Pit	6/7/202	4	Х		С	1	X	Х	Х																		
	_																											
		_		-			-	1						_		+		+			_							
Comments: Ema	ail to Mike	Carmona / Mcar	mona@carmona	resources.co	m and Co	onner Me	oehring	/ Cmc	oehrin	g@cai	monare	sources	s.com		•													
		Relinquishe	d by: (Signature)					Date/	Time				R	Recei	ved by: (Signatu	re)			Date/Time								
/		>>					6/7	/200	@11	:57			B						col	TAU	1							
117	m/	Comment?			-		10/ 1	704	716	- //	_		1							1117	OC.							

Login Sample Receipt Checklist

Client: Carmona Resources Job Number: 880-44494-1 SDG Number: Lea Co. NM

Login Number: 44494 **List Source: Eurofins Midland**

List Number: 1

Creator: Vasquez, Julisa

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

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Paduca Main Lea Co. NM

JOB NUMBER

880-44493-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Client: Carmona Resources
Project/Site: Paduca Main

Laboratory Job ID: 880-44493-1 SDG: Lea Co. NM

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Definitions/Glossary

Job ID: 880-44493-1 Client: Carmona Resources Project/Site: Paduca Main SDG: Lea Co. NM

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier Qualifier Description

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

¤ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid Colony Forming Unit CFU **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) Limit of Quantitation (DoD/DOE) LOQ

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

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

Toxicity Equivalent Factor (Dioxin) TFF Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

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Case Narrative

Client: Carmona Resources Project: Paduca Main Job ID: 880-44493-1

Job ID: 880-44493-1 Eurofins Midland

Job Narrative 880-44493-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The sample was received on 6/7/2024 12:00 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 1.0°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Grandy Pit (880-44493-1).

GC VOA

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

Diesel Range Organics

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources

Job ID: 880-44493-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Client Sample ID: Grandy Pit

Date Collected: 06/07/24 00:00 Date Received: 06/07/24 12:00 Lab Sample ID: 880-44493-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/07/24 12:00	06/07/24 16:37	
Toluene	<0.00202	U	0.00202		mg/Kg		06/07/24 12:00	06/07/24 16:37	•
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/07/24 12:00	06/07/24 16:37	•
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/07/24 12:00	06/07/24 16:37	
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/07/24 12:00	06/07/24 16:37	,
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/07/24 12:00	06/07/24 16:37	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	106		70 - 130				06/07/24 12:00	06/07/24 16:37	
1,4-Difluorobenzene (Surr)	103		70 - 130				06/07/24 12:00	06/07/24 16:37	1
Method: TAL SOP Total BTEX - T	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allalyto									
	<0.00404	U	0.00404		mg/Kg			06/07/24 16:37	1
Total BTEX	<0.00404				mg/Kg			06/07/24 16:37	1
Total BTEX Method: SW846 8015 NM - Diese	<0.00404			MDL	mg/Kg Unit	D	Prepared	06/07/24 16:37 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte	<0.00404	ics (DRO) (GC)	MDL		D	Prepared		
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH	<0.00404 I Range Organ Result <49.9	ics (DRO) (Qualifier	GC) RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese	<0.00404 Il Range Organ Result <49.9 seel Range Orga	ics (DRO) (Qualifier	GC) RL 49.9		Unit	<u>D</u>	Prepared Prepared	Analyzed	,
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	<0.00404 Il Range Organ Result <49.9 seel Range Orga	Qualifier Unics (DRO) Qualifier Qualifier	RL 49.9 (GC)		Unit mg/Kg			Analyzed 06/08/24 19:20	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<0.00404 Il Range Organ Result <49.9 sel Range Orga Result	ics (DRO) (Qualifier U nnics (DRO) Qualifier U	GC) RL 49.9 (GC) RL		Unit mg/Kg		Prepared	Analyzed 06/08/24 19:20 Analyzed	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<0.00404 Il Range Organ Result <49.9 sel Range Orga Result <49.9	ics (DRO) (Qualifier U nnics (DRO) Qualifier U	GC) RL 49.9 (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 06/05/24 09:33	Analyzed 06/08/24 19:20 Analyzed 06/08/24 19:20	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	<0.00404 Il Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9	ics (DRO) (Qualifier U unics (DRO) Qualifier U U	GC) RL 49.9 (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 19:20 Analyzed 06/08/24 19:20 06/08/24 19:20	Dil Fac
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH	<0.00404 I Range Organ Result <p>49.9 Sel Range Orga Result 49.9 <49.9</p>	ics (DRO) (Qualifier U unics (DRO) Qualifier U U U	GC) RL 49.9 (GC) RL 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 19:20 Analyzed 06/08/24 19:20 06/08/24 19:20 06/08/24 19:20	Dil Face 1 1 1 1
Total BTEX Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	<0.00404 Il Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9	ics (DRO) (Qualifier U unics (DRO) Qualifier U U U	GC) RL 49.9 (GC) RL 49.9 49.9 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33 06/05/24 09:33	Analyzed 06/08/24 19:20 Analyzed 06/08/24 19:20 06/08/24 19:20 06/08/24 19:20 06/08/24 19:20	Dil Fac

RL

4.97

MDL Unit

mg/Kg

D

Prepared

Dil Fac

Analyzed

06/09/24 12:23

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Result Qualifier

26.5

Analyte

Chloride

Surrogate Summary

Client: Carmona Resources

Job ID: 880-44493-1

Project/Site: Paduca Main

SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Rec
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-44465-A-2-B MS	Matrix Spike	102	100	
880-44465-A-2-C MSD	Matrix Spike Duplicate	100	100	
880-44493-1	Grandy Pit	106	103	
LCS 880-82573/1-A	Lab Control Sample	101	101	
LCSD 880-82573/2-A	Lab Control Sample Dup	101	101	
MB 880-82573/5-A	Method Blank	102	98	
Surrogate Legend				
BFB = 4-Bromofluorobenz	zene (Surr)			
DFBZ = 1.4-Difluorobenze	ene (Surr)			

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

Matrix: Solid Prep Type: Total/NA

		1001	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-44493-1	Grandy Pit	123	118
890-6736-A-26-C MS	Matrix Spike	126	103
890-6736-A-26-D MSD	Matrix Spike Duplicate	128	103
LCS 880-82367/2-A	Lab Control Sample	116	95
LCSD 880-82367/3-A	Lab Control Sample Dup	116	90
MB 880-82367/1-A	Method Blank	125	114

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources Job ID: 880-44493-1 Project/Site: Paduca Main SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-82573/5-A

Lab Sample ID: LCS 880-82573/1-A

Matrix: Solid

Matrix: Solid Analysis Batch: 82563 Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 82573

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/07/24 09:27	06/07/24 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/07/24 09:27	06/07/24 11:35	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/07/24 09:27	06/07/24 11:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/07/24 09:27	06/07/24 11:35	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 82573

Analysis Batch: 82563 LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1092 mg/Kg 109 70 - 130 Toluene 0.100 0.09971 mg/Kg 100 70 - 130 0.100 0.09838 Ethylbenzene mg/Kg 98 70 - 130 0.200 0.2053 103 70 - 130 m-Xylene & p-Xylene mg/Kg 0.100 0.1009 101 70 - 130 o-Xylene mg/Kg

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Lab Sample ID: LCSD 880-82573/2-A

Analysis Batch: 82563

Prep Type: Total/NA Prep Batch: 82573 %Rec

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	2	35
Toluene	0.100	0.09715		mg/Kg		97	70 - 130	3	35
Ethylbenzene	0.100	0.09591		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2004		mg/Kg		100	70 - 130	2	35
o-Xylene	0.100	0.09856		mg/Kg		99	70 - 130	2	35

LCSD LCSD

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

Lab Sample ID: 880-44465-A-2-B MS

Matrix: Solid

Analysis Batch: 82563

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

Prep Batch: 82573

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00199	U	0.0996	0.1072		mg/Kg		108	70 - 130	
Toluene	<0.00199	U	0.0996	0.09655		mg/Kg		97	70 - 130	

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44493-1

SDG: Lea Co. NM

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

Lab Sample ID: 880-44465-A-2-B MS

Lab Sample ID: 880-44465-A-2-C MSD

Matrix: Solid

Analysis Batch: 82563

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 82573

Sample	Sample	Бріке	IVIS	MIS				%Rec	
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
<0.00199	U	0.0996	0.09338		mg/Kg		94	70 - 130	
<0.00398	U	0.199	0.1940		mg/Kg		97	70 - 130	
< 0.00199	U	0.0996	0.09496		mg/Kg		95	70 - 130	
0.00100	Ü	0.0000	0.00100		1119/119		00	701100	
	Result <0.00199 <0.00398	Result Qualifier U	Result Qualifier Added <0.00199	Result Qualifier Added Result <0.00199	Result Qualifier Added Result Qualifier <0.00199	Result Qualifier Added Result Qualifier Unit <0.00199	Result Qualifier Added Result Qualifier Unit D <0.00199	Result Qualifier Added Result Qualifier Unit D %Rec <0.00199	Result Qualifier Added Result Qualifier Unit D %Rec Limits <0.00199

MS MS

Surrogate	%Recovery Qu	ualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 82573

Matrix: Solid Analysis Batch: 82563

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00199	U	0.101	0.1056		mg/Kg		105	70 - 130	1	35
Toluene	< 0.00199	U	0.101	0.09519		mg/Kg		94	70 - 130	1	35
Ethylbenzene	< 0.00199	U	0.101	0.09221		mg/Kg		91	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1918		mg/Kg		95	70 - 130	1	35
o-Xylene	< 0.00199	U	0.101	0.09409		mg/Kg		93	70 - 130	1	35

MSD MSD

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

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

Lab Sample ID: MB 880-82367/1-A

Matrix: Solid

Analysis Batch: 82709

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

Prep Batch: 82367

	MB	MB						
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/05/24 09:33	06/08/24 13:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/05/24 09:33	06/08/24 13:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/05/24 09:33	06/08/24 13:22	1
Total TPH	<50.0	U	50.0	mg/Kg		06/05/24 09:33	06/08/24 13:22	1

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Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	06/05/24 09:33	06/08/24 13:22	1
o-Terphenyl	114		70 - 130	06/05/24 09:33	3 06/08/24 13:22	1

Lab Sample ID: LCS 880-82367/2-A

Matrix: Solid

Analysis Batch: 82709

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

Prep Batch: 82367

LCS LCS Spike %Rec Added Analyte Result Qualifier Limits Unit %Rec Gasoline Range Organics 1000 1138 mg/Kg 114 70 - 130

(GRO)-C6-C10

QC Sample Results

Client: Carmona Resources

Job ID: 880-44493-1

Project/Site: Paduca Main

SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-82367/2-A

Matrix: Solid

Analysis Batch: 82709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 82367

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Diesel Range Organics (Over		1000	1007		mg/Kg		101	70 - 130	
C10-C28)									

 Surrogate
 %Recovery
 Qualifier
 Limits

 1-Chlorooctane
 116
 70 - 130

 o-Terphenyl
 95
 70 - 130

Lab Sample ID: LCSD 880-82367/3-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 82709

Client Sample ID. Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 82367

LCSD LCSD %Rec RPD Spike Result Qualifier Limit Analyte Added Unit D %Rec Limits RPD 1000 1085 108 70 - 130 Gasoline Range Organics mg/Kg 5 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 982.7 mg/Kg 98 70 - 130 2 20

 Surrogate
 %Recovery
 Qualifier
 Limits

 1-Chlorooctane
 116
 70 - 130

 o-Terphenyl
 90
 70 - 130

C10-C28)

Lab Sample ID: 890-6736-A-26-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 82709 Prep Batch: 82367

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits <49.7 U 112 Gasoline Range Organics 998 1114 mg/Kg 70 - 130 (GRO)-C6-C10 <49.7 U 998 975.2 98 70 - 130 Diesel Range Organics (Over mg/Kg C10-C28)

 Surrogate
 %Recovery
 Qualifier
 Limits

 1-Chlorooctane
 126
 70 - 130

 o-Terphenyl
 103
 70 - 130

Lab Sample ID: 890-6736-A-26-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Matrix: Solid
Analysis Batch: 82709
Prep Type: Total/NA
Prep Batch: 82367

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics	<49.7	U	998	1136		mg/Kg		114	70 - 130	2	20	
(GRO)-C6-C10												
Diesel Range Organics (Over	<49.7	U	998	974.4		mg/Kg		98	70 - 130	0	20	
C10-C28)												

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	103		70 - 130

Eurofins Midland

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QC Sample Results

Client: Carmona Resources Job ID: 880-44493-1 Project/Site: Paduca Main SDG: Lea Co. NM

%Rec

Limits

90 - 110

%Rec

Limits

90 - 110

Client Sample ID: Lab Control Sample Dup

Client Sample ID: Method Blank

Lab Sample ID: MB 880-82692/1-A

Method: 300.0 - Anions, Ion Chromatography

Matrix: Solid

Lab Sample ID: LCS 880-82692/2-A

Lab Sample ID: LCSD 880-82692/3-A

Lab Sample ID: 880-44487-A-1-B MS

Lab Sample ID: 880-44487-A-1-C MSD

Analysis Batch: 82704

Analysis Batch: 82704

Analysis Batch: 82704

Analysis Batch: 82704

Analyte

Chloride

Analyte

Chloride

Analyte

Chloride

Analyte

Chloride

Chloride

Matrix: Solid

Matrix: Solid

Matrix: Solid

Matrix: Solid

MB MB

Result Qualifier <5.00 U

RL 5.00

Spike

Added

250

Spike

Added

250

Spike

Added

1240

MDL Unit mg/Kg

Qualifier

Qualifier

Qualifier

Unit

Unit

mg/Kg

mg/Kg

LCS LCS

LCSD LCSD

MS MS

Result

262.0

Result

262.9

Result

3006

D

D

%Rec

%Rec

105

105

Prepared Analyzed

06/09/24 11:48

Prep Type: Soluble

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

Dil Fac

RPD

Limit

RPD

Limit

20

Client Sample ID: Matrix Spike **Prep Type: Soluble**

Prep Type: Soluble

RPD

Unit mg/Kg

%Rec Limits 102 90 - 110

%Rec

%Rec

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analysis Batch: 82704

Analyte

Sample Sample Spike Result Qualifier Added 1240 1740

Sample Sample

Qualifier

Result

1740

MSD MSD Result Qualifier 3023

Unit mg/Kg

%Rec Limits 103

RPD 90 - 110

QC Association Summary

Client: Carmona Resources Job ID: 880-44493-1 Project/Site: Paduca Main

SDG: Lea Co. NM

GC VOA

Analysis Batch: 82563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44493-1	Grandy Pit	Total/NA	Solid	8021B	82573
MB 880-82573/5-A	Method Blank	Total/NA	Solid	8021B	82573
LCS 880-82573/1-A	Lab Control Sample	Total/NA	Solid	8021B	82573
LCSD 880-82573/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	82573
880-44465-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	82573
880-44465-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	82573

Prep Batch: 82573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44493-1	Grandy Pit	Total/NA	Solid	5035	
MB 880-82573/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-82573/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-82573/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-44465-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
880-44465-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 82905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44493-1	Grandy Pit	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 82367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44493-1	Grandy Pit	Total/NA	Solid	8015NM Prep	
MB 880-82367/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-82367/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-82367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6736-A-26-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-6736-A-26-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 82709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44493-1	Grandy Pit	Total/NA	Solid	8015B NM	82367
MB 880-82367/1-A	Method Blank	Total/NA	Solid	8015B NM	82367
LCS 880-82367/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	82367
LCSD 880-82367/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	82367
890-6736-A-26-C MS	Matrix Spike	Total/NA	Solid	8015B NM	82367
890-6736-A-26-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	82367

Analysis Batch: 82800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44493-1	Grandy Pit	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 82692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44493-1	Grandy Pit	Soluble	Solid	DI Leach	
MB 880-82692/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-82692/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-82692/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources

Job ID: 880-44493-1

Project/Site: Paduca Main

SDG: Lea Co. NM

HPLC/IC (Continued)

Leach Batch: 82692 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44487-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-44487-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 82704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-44493-1	Grandy Pit	Soluble	Solid	300.0	82692
MB 880-82692/1-A	Method Blank	Soluble	Solid	300.0	82692
LCS 880-82692/2-A	Lab Control Sample	Soluble	Solid	300.0	82692
LCSD 880-82692/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	82692
880-44487-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	82692
880-44487-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	82692

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Lab Chronicle

Client: Carmona Resources Job ID: 880-44493-1 Project/Site: Paduca Main SDG: Lea Co. NM

Client Sample ID: Grandy Pit

Date Collected: 06/07/24 00:00 Date Received: 06/07/24 12:00

Lab Sample ID: 880-44493-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	82573	06/07/24 12:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	82563	06/07/24 16:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			82905	06/07/24 16:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			82800	06/08/24 19:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	82367	06/05/24 09:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	82709	06/08/24 19:20	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	82692	06/07/24 16:22	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	82704	06/09/24 12:23	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 Job ID: 880-44493-1 Project/Site: Paduca Main SDG: Lea Co. NM

Laboratory: Eurofins Midland

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

thority	Progr	am	Identification Number	Expiration Date
as	NELA	Р	T104704400-23-26	06-30-24
The following analytes	are included in this report, bu	ut the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency d	oes not offer certification.	,	, ,	
Analysis Method	Prep Method	Matrix	Analyte	
300.0		Solid	Chloride	
8015 NM		Solid	Total TPH	
8015B NM	8015NM Prep	Solid	Diesel Range Organics (O	ver C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics	(GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over	C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH	
8021B	5035	Solid	Benzene	
8021B	5035	Solid	Ethylbenzene	
8021B	5035	Solid	m-Xylene & p-Xylene	
8021B	5035	Solid	o-Xylene	
8021B	5035	Solid	Toluene	
8021B	5035	Solid	Xylenes, Total	
Total BTEX		Solid	Total BTEX	

Method Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44493-1

SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources Project/Site: Paduca Main

Job ID: 880-44493-1

SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received 06/07/24 12:00	
880-44493-1	Grandy Pit	Solid	06/07/24 00:00		

		10		00	0		က	
							~	

Chain of Custody



Project Manager:	Connor Moehring Bill to: (if different)						Joseph Vargo						Work Order Comments						
ompany Name:	Carmona Resources Company Name			y Name:		NGL Water Solutions Permian						Program: UST/PST PRP rownfields RC perfund							
address:	310 W Wall	Wall St Ste 500 Address:					865 N. Albino Street, Suite 400							State of Project:					
ity, State ZIP:	Midland, TX 79701				City, State ZIP:			Denver, CO 80220						Reporting:Level II Level III ST/				T/UST RRP	Level IV
hone:	(432) 813-6		Email: Joseph.Vargo@					glep.com							Deliverables: EDD ADaPT Other:				
roject Name:		Paduca Mair	1	Turn Around				ANALYSIS REC						UEST				Preservative Codes	
roject Number.		2206		□ Routine	Routine 🖾 Rush		Pres. Code											None: NO	DI Water: H ₂ C
roject Location		Lea Co. NM		Due Date:														Cool: Cool	MeOH: Me
ampler's Name:	JM							IRO)		į		j			HCL: HC	HNO ₃ : HN			
O #:							હ		+									H ₂ S0 ₄ : H ₂	NaOH: Na
AMPLE RECE	IPT Temp Blank:		Yes No	Wet Ice:	(Yes) No		Parameters	0	DRC	0.0								H₃PO₄; HP	
eceived Intact:	Yes No		Thermometer II			TRS		BTEX 8021B	0 0	Chloride 300.0								NaHSO4: NABI	
ooler Custody Sea	ils: Y	Yes No MA		Correction Factor:					G	inori								Na ₂ S ₂ O ₃ : NaSt	
ample Custody Se	als: Yes No (N/A)		Temperature R		1.			· ·	15M	ਹ								Zn Acetate+Na	
otal Containers:			Corrected Tem	perature:	11.0]	TPH 8015M (GRO + DRO + MRO)								- 1	NaOH+Ascorbi	ic Acid: SAPC
Sample Ide	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		₽									Sample	Comments
Grand	ly Pit	6/7/2024		X		С	1	Х	Х	Х									
Comments: Ema	ail to Mike Ca	armona / Mcarm	ona@carmona	resources.co	m and Co	nner Me	pehring a	/ Cmd	pehrin	g@car	monaresc	ources.c	om						
Iva	Relinquished by: (Signature)							-	ate/Time Rec			ceived by: (Signature)				9	Date/Time		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-44493-1

SDG Number: Lea Co. NM

Login Number: 44493 List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

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	N/A	

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APPENDIX F

CARMONA RESOURCES



MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

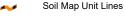
Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons



Soil Map Unit Points

Special Point Features

Blowout

Borrow Pit

Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Candfill

Lava Flow

Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline SpotSandy Spot

Severely Eroded Spot

Sinkhole

Slide or Slip

Sodic Spot

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 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	0.2	100.0%
Totals for Area of Interest		0.2	100.0%

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent
Maljamar and similar soils: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High

(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

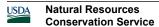
mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e



Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 24 inches: fine sand

Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 40 to 60 inches to petrocalcic

Drainage class: Well drained Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): Very low

to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 20, Sep 6, 2023

(28)

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be <u>no</u> primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

^{*}Pounds of pure live seed: Pounds of seed **x** percent purity **x** percent germination = pounds pure live seed

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

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

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

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

QUESTIONS

Action 362357

QUESTIONS

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
Denver, CO 80220	362357
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2333233247
Incident Name	NAPP2333233247 PADUCA MAIN @ 0
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 MAIN
Date Release Discovered	11/24/2023
Surface Owner	Private

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Blow Out Valve Produced Water Released: 250 BBL Recovered: 220 BBL Lost: 30 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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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV** 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 362357

OHESTI	IONS (continued)
Operator: NGL WATER SOLUTIONS PERMIAN, LLC	ORRID: 372338
865 North Albion Street Denver, CO 80220	Action Number: 362357
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Joseph Vargo

Title: Regulatory manager

Date: 07/09/2024

Email: joseph.vargo@nglep.com

I hereby agree and sign off to the above statement

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QUESTIONS, Page 3

Action 362357

QUESTIONS (continued)

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
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	[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	Direct Measurement	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Greater than 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	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 deline	eated Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value fo	or each, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 CI B)	300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	8015
GRO+DRO (EPA SW-846 Method 8015M)	8015
BTEX (EPA SW-846 Method 8021B or 8260	0B) 8021
Benzene (EPA SW-846 Method 8021B or 826	50B) 8021
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report inclu which includes the anticipated timelines for beginning and completing the remedia	udes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, ation.
On what estimated date will the remediation commence	02/15/2024
On what date will (or did) the final sampling or liner inspection occur	02/15/2024
On what date will (or was) the remediation complete(d)	03/01/2024
What is the estimated surface area (in square feet) that will be reclain	med 4150
What is the estimated volume (in cubic yards) that will be reclaimed	410
What is the estimated surface area (in square feet) that will be remed	diated 10200
What is the estimated volume (in cubic yards) that will be remediated	935
These estimated dates and measurements are recognized to be the best guess or c	alculation 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 minimal:	ly adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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Phone:(505) 334-6178 Fax:(505) 334-6170 **District IV**1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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Santa Fe, NM 87505

QUESTIONS, Page 4

Action 362357

QUESTIONS (continued)

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
865 North Albion Street	Action Number:
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	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	Yes
What is the name of the NMED facility	Northern Delaware Disposal
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: Joseph Vargo
Title: Regulatory manager
Email: joseph.vargo@nglep.com
Date: 07/09/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 362357

QUESTIONS (continued)

Operator:	OGRID:	
NGL WATER SOLUTIONS PERMIAN, LLC	372338	
865 North Albion Street	Action Number:	
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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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Action 362357

QUESTIONS	(continued)

Operator:	OGRID:
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	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	350959
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/07/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

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	10200	
What was the total volume (cubic yards) remediated	1000	
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	4150	
What was the total volume (in cubic yards) reclaimed	1000	
Summarize any additional remediation activities not included by answers (above)	NA	

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.

Name: Joseph Vargo
Title: Regulatory manager
Email: joseph.vargo@nglep.com
Date: 07/09/2024

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Action 362357

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC	OGRID: 372338
865 North Albion Street	Action Number:
Denver, CO 80220	362357
	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	4150
What was the total volume of replacement material (in cubic yards) for this site	1000
	of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 over must include a top layer, which is either the background thickness of topsoil or one foot of suitable material
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)	06/14/2024
Summarize any additional reclamation activities not included by answers (above)	BLM Seed #2 used for reseeding via seed drill
	reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form the field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations. The responsible party acknowledges they must substant	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or it is containly 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 includ I hereby agree and sign off to the above statement	ng notification to the OCD when reclamation and re-vegetation are complete. Name: Joseph Vargo Title: Regulatory manager Email: joseph.vargo@nglep.com Date: 07/09/2024

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Action 362357

QUESTIONS (continued)

Operator:	OGRID:
NGL WATER SOLUTIONS PERMIAN, LLC	372338
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	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report		
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.		
Requesting a restoration complete approval with this submission	No	
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.		

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CONDITIONS

Action 362357

CONDITIONS

Operator:	OGRID:
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865 North Albion Street	Action Number:
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CONDITIONS

Created By		Condition Date
nvelez	None	8/20/2024