

CARMONA RESOURCES



SITE INFORMATION

Closure Report
West Fez Frac Pond (08.17.22)
Lea County, New Mexico
Incident ID: NAPP2224130893
Unit B Sec 08 T25S R35E
32.1511°, -103.3875°

Treated Produced Water Release
Point of Release: Failed Lay-Flat
Release Date: 08.17.2022
Volume Released: 14.49 barrels of Treated Produced Water
Volume Recovered: 0 barrels of Treated Produced Water

CARMONA RESOURCES



Prepared for:
Concho Operating, LLC
15 West London Road,
Loving, New Mexico 88256

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

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November 8, 2022

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

**Re: Closure Report
West Fez Frac Pond (08.17.22)
Concho Operating, LLC
Site Location: Unit B, S08, T25S, R35E
(Lat 32.1511°, Long -103.3875°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the West Fez Frac Pond (08.17.22). The site is located at 32.1511, -103.3875 within Unit B, S08, T25S, R35E, and 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 August 17, 2022, due to a failed lay-flay. It released approximately 14.49 barrels of treated produced water, and zero (0) barrels were recovered. The impacted area occurred on the pad and pasture, 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, one known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 0.49 miles Northwest of the site in S05, T25S, R35E and was drilled in 1920. The well has a reported depth to groundwater of 165' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Trenching Activities

On October 4, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, five (5) trenches,



five (5) sample points, and thirteen (13) horizontal sample points were advanced to depths ranging from the surface to 3' bgs inside the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. 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.

See Table 1 for the analytical results.

5.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on October 31, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area was excavated to a depth ranging from 1-5' to 2' below the surface to remove all the impacted soils. A total of twenty-one (21) floor confirmation samples were collected (CS-1 through CS-21), and twenty-two (22) sidewall samples (SW-1 through SW-22) 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 final confirmation samples were below 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 400 cubic yards of material were excavated and transported offsite for proper disposal.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

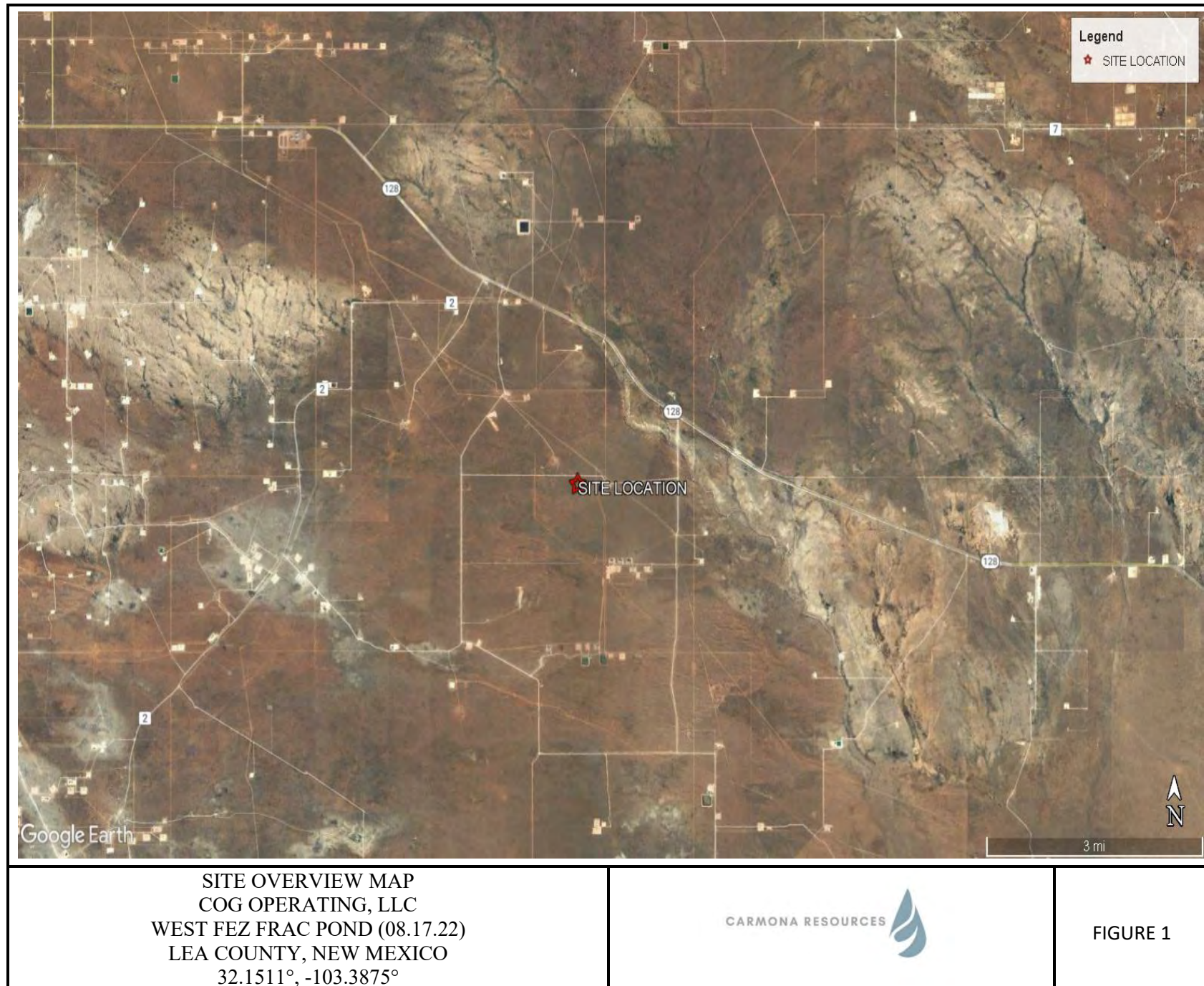
Mike Carmona
Environmental Manager

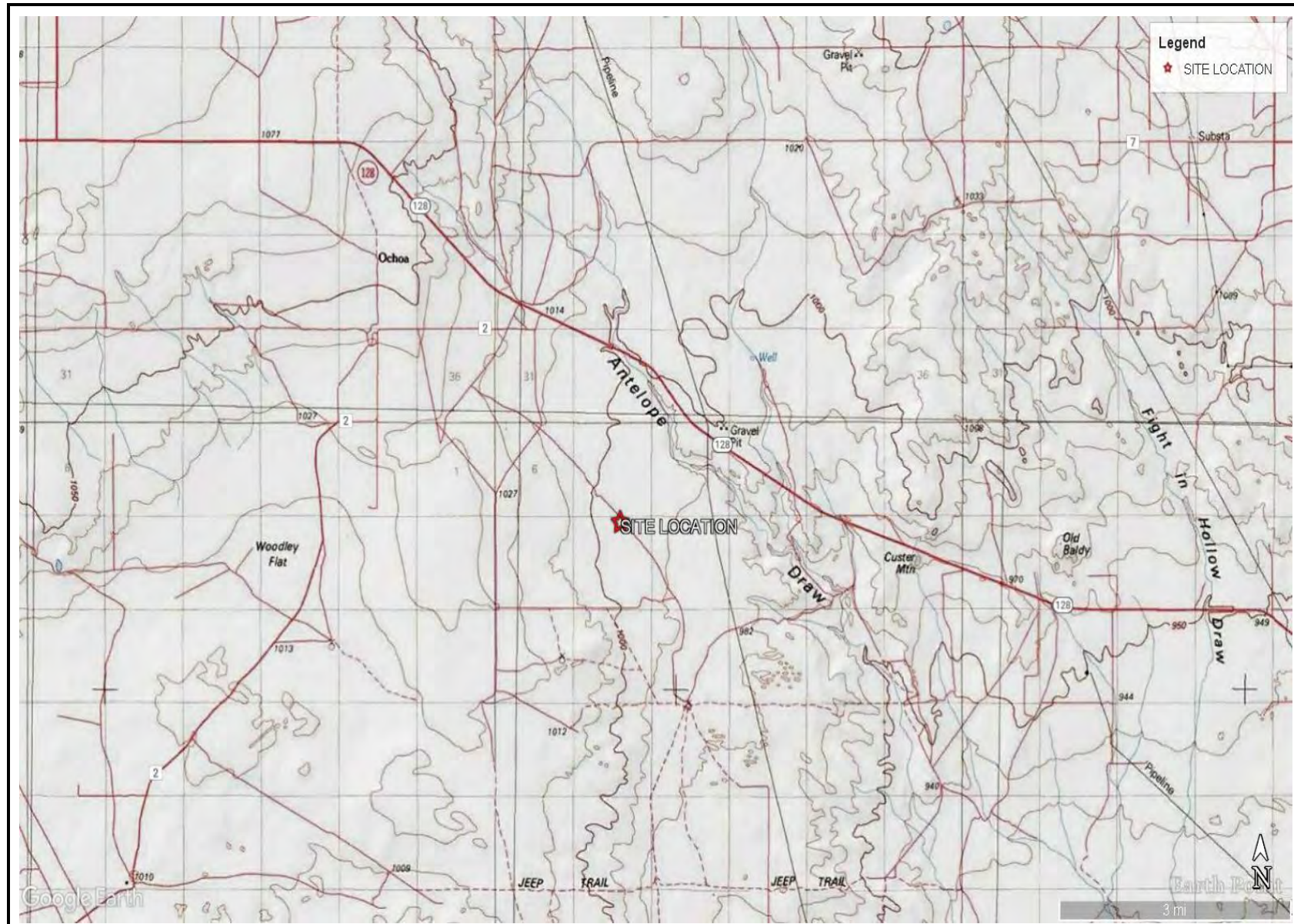
Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



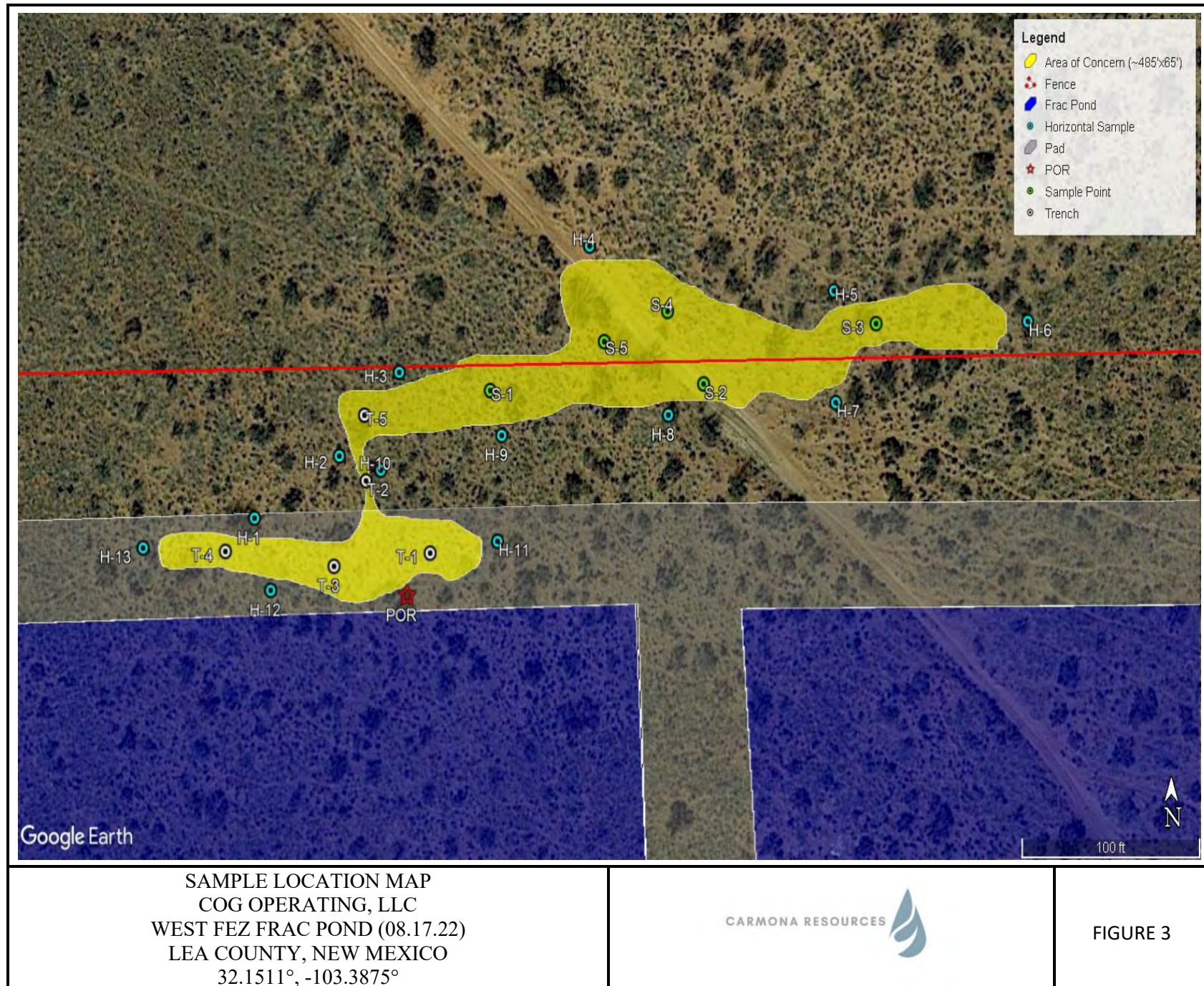




TOPOGRAPHIC MAP
 COG OPERATING, LLC
 WEST FEZ FRAC POND (08.17.22)
 LEA COUNTY, NEW MEXICO
 32.1511°, -103.3875°



FIGURE 2





EXCAVATION DEPTH MAP
 COG OPERATING, LLC
 WEST FEZ FRAC POND (08.17.22)
 LEA COUNTY, NEW MEXICO
 32.1511°, -103.3875°



FIGURE 4

APPENDIX A

CARMONA RESOURCES



Table 1
COG
West Fez Frac Pond (08.17.22)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	10/4/2022	0-1	<50.0	62.4	<50.0	62.4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	22,700
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,460
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	201
T-2	10/4/2022	0-1	<49.9	189	<49.9	189	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,420
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	333
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	53.1
T-3	10/4/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	2,910
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,330
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.3
T-4	10/4/2022	0-1	<49.9	50.8	<49.9	50.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6,930
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	460
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	89.7
T-5	10/4/2022	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	223
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,020
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	590
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	27.1
S-1	10/4/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	331
	"	1.5	<49.9	<49.9	<49.9	<49.9	0.00459	<0.00199	<0.00199	<0.00398	0.00459	1,250
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	271
S-2	10/4/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	37.3
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	56.5
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	91.6
S-3	10/4/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	63.7
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	68.3
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	86.6
S-4	10/4/2022	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	59.3
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	53.6
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	290
S-5	10/4/2022	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	59.1
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	720
	"	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	88.3
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(T) - Trench

(S) - Sample Point

 Removed

Table 1
COG
West Fez Frac Pond (08.17.22)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	10/4/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	21.0
H-2	10/4/2022	0.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	17.2
H-3	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.7
H-4	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.5
H-5	10/4/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.4
H-6	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	31.1
H-7	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	19.4
H-8	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.4
H-9	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.2
H-10	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	59.3
H-11	10/4/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.8
H-12	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.5
H-13	10/4/2022	0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.5
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(H) - Horizontal

Table 2
COG
West Fez Frac Pond (08.17.22)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	11/2/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	50.4
CS-2	11/2/2022	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	122
CS-3	11/2/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	46.5
CS-4	11/2/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	20.5
CS-5	11/2/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	21.5
CS-6	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.6
CS-7	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.6
CS-8	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	56.5
CS-9	11/2/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.9
CS-10	11/2/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	158
CS-11	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	0.00688	0.00688	45.9
CS-12	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.6
CS-13	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
CS-14	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	0.00208	<0.00200	0.00526	0.00734	23.9
CS-15	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	26.6
CS-16	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	136
CS-17	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	74.0
CS-18	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	83.7
CS-19	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	29.8
CS-20	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	24.9
CS-21	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	21.9
Regulatory Criteria ^A			100 mg/kg				10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(CS) Confirmation Floor Sample

Table 2
COG
West Fez Frac Pond (08.17.22)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	11/2/2022	1.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	50.7
SW-2	11/2/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.1
SW-3	11/2/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	27.5
SW-4	11/2/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.6
SW-5	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	31.2
SW-6	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	49.3
SW-7	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	43.1
SW-8	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	34.6
SW-9	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.2
SW-10	11/2/2022	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	176
SW-11	11/2/2022	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.5
SW-12	11/2/2022	0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.3
SW-13	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	18.0
SW-14	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	66.7
SW-15	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	25.8
SW-16	11/2/2022	2.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	288
SW-17	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	41.2
SW-18	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.0
SW-19	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	24.1
SW-20	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	83.2
SW-21	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	40.4
SW-22	11/2/2022	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	29.6
Regulatory Criteria ^A						100 mg/kg	10 mg/kg	-	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: West Fez Frac Pond (08.17.22)

County: Lea County, New Mexico

Description:

View West, area of confirmation samples (1-7 & 19-21).



Photograph No. 2

Facility: West Fez Frac Pond (08.17.22)

County: Lea County, New Mexico

Description:

View South, area of confirmation samples (8-11).



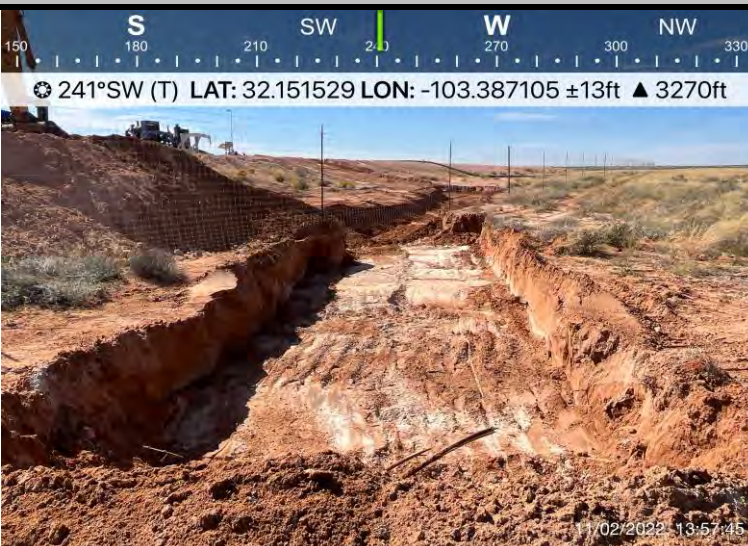
Photograph No. 3

Facility: West Fez Frac Pond (08.17.22)

County: Lea County, New Mexico

Description:

View Southwest, area of confirmation samples (12-18).



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: West Fez Frac Pond (08.17.22)

County: Lea County, New Mexico

Description:

View West of the backfilled excavation.



Photograph No. 5

Facility: West Fez Frac Pond (08.17.22)

County: Lea County, New Mexico

Description:

View North of the backfilled excavation.



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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name _____	Title: _____
Signature: <u></u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>11/14/2022</u>

L48 Spill Volume Estimate Form

NAPP2224130893

Received by OCD: 11/14/2022 7:49:01 AM

Page 21 of 218

Facility Name & Number:	West Fez Frac pond
Asset Area:	qual ranch
Release Discovery Date & Time:	8/17/2022
Release Type:	Produced Water
Provide any known details about the event:	short joint blow out at the pumps

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated <u>Pool</u> Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	65.0	30.0	2.00	4	1950.000	0.042	14.463	0.002	14.493
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total Volume Release:									14.493

Released to Imaging: 1/13/2023 12:31:38 PM

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Justin Carlile Date: 11-9-2022

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 11/14/2022

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature: Justin Carlile Date: 11-9-2022

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 11/14/2022

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

Closure Approved by: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

From: Mike Carmona
Sent: Monday, October 31, 2022 10:32 AM
To: NMOCD Spill Notifications (OCD.Enviro@emnrd.nm.gov)
Cc: Conner Moehring; Carlile, Justin
Subject: COG - West Fez Frac Pond (08.17.22) Sampling Notification - Incident No.NAPP2224130893

Good Morning,

On behalf of COG, Carmona Resources will collect confirmation samples for the at-risk remediation at the below-referenced site on 11/02/22 around 10:30 a.m. Mountain Time. Please let me know if you have any questions.

COG - West Fez Frac Pond (08.17.22)
Incident No.NAPP2224130893
Sec 08 T25S R35E Unit B
32.1511, -103.3875
Lea County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com



APPENDIX D

CARMONA RESOURCES

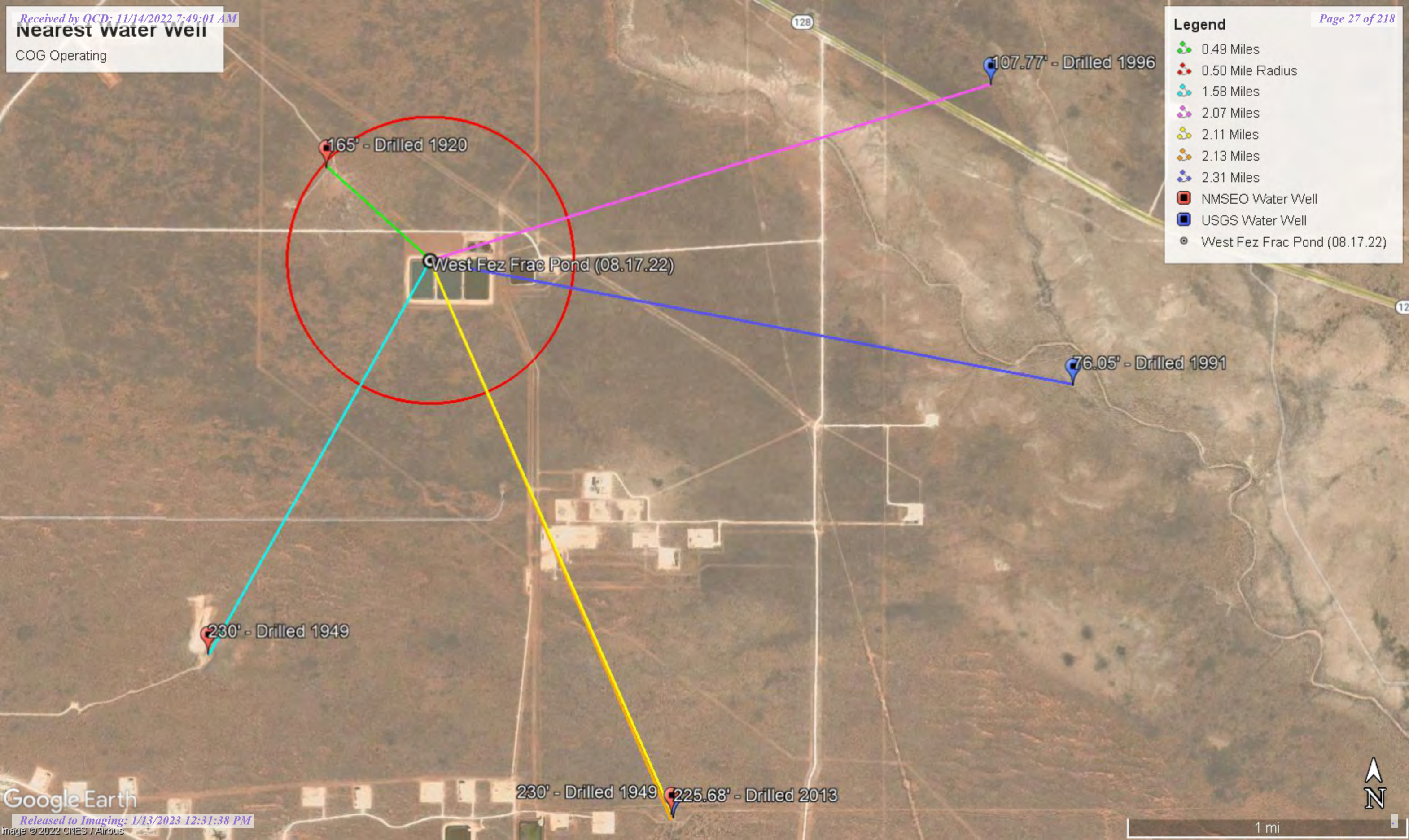


Nearest water well

COG Operating

Legend

- 0.49 Miles
- 0.50 Mile Radius
- 1.58 Miles
- 2.07 Miles
- 2.11 Miles
- 2.13 Miles
- 2.31 Miles
- NMSEO Water Well
- USGS Water Well
- West Fez Frac Pond (08.17.22)

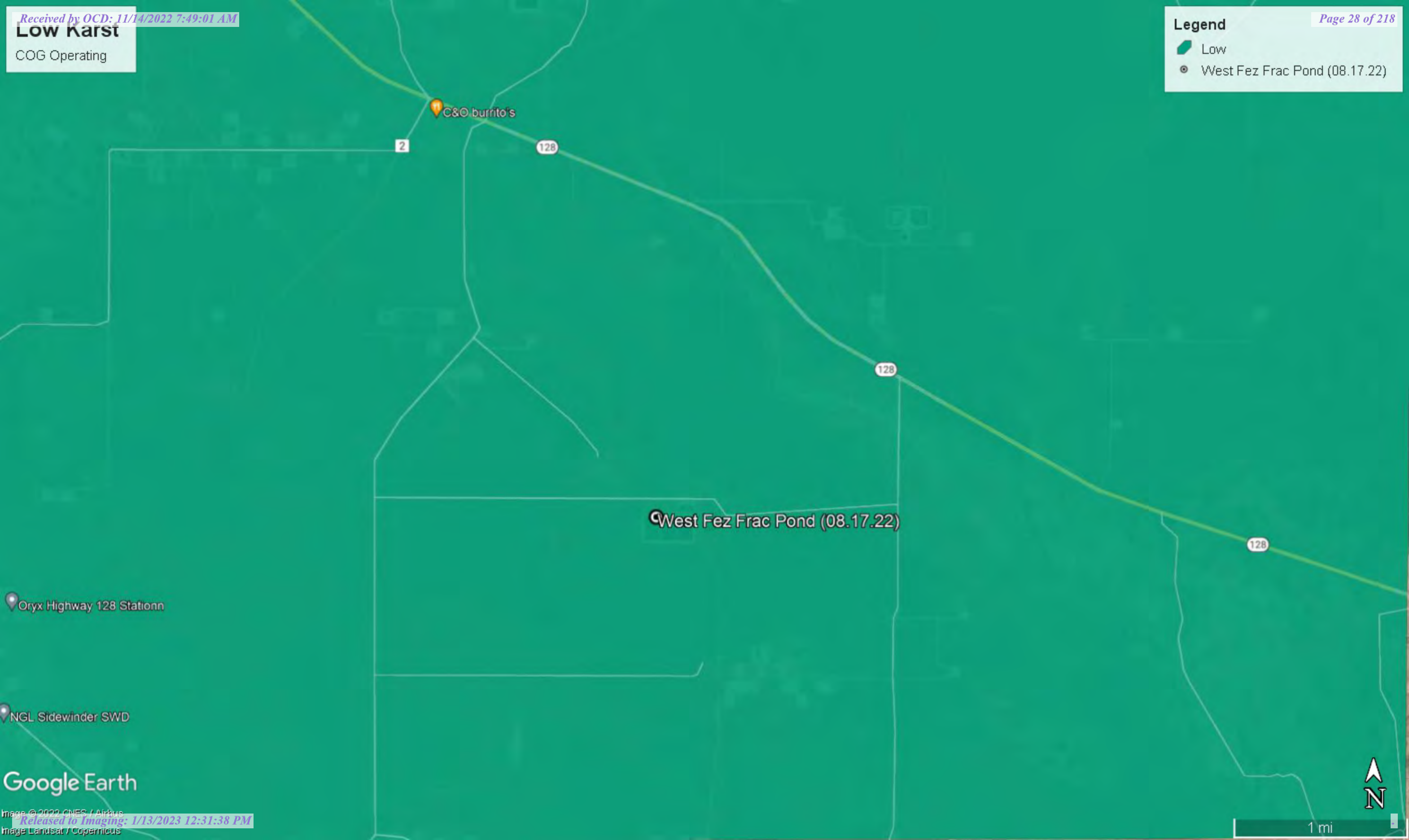


Low Karst

COG Operating

Legend

- Low
- West Fez Frac Pond (08.17.22)



Google Earth



1 mi



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02388	CUB	LE				3	05	25S	35E	651467	3558832*	787	180	165	15
C 02296	CUB	LE		3	4	2	18	25S	35E	650846	3556088	2547	300	230	70
C 02297	CUB	LE		2	2	1	21	25S	35E	653475	3555216	3411	300	230	70
C 02298	CUB	LE		2	2	1	21	25S	35E	653484	3555216	3414	250	205	45
C 02401	CUB	LE		2	2	1	01	25S	34E	648534	3559896*	3867	275	260	15

Average Depth to Water: **218 feet**

Minimum Depth: **165 feet**

Maximum Depth: **260 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 652067.71

Northing (Y): 3558323.1

Radius: 4000

*UTM location was derived from PLSS - see Help

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

9/29/22 7:28 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 02388			3	05	25S	35E	651467	3558832*

Driller License:

Driller Company:

Driller Name: W.E. BAIRD

Drill Start Date:

Drill Finish Date: 12/31/1920

Plug Date:

Log File Date:

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield: 5 GPM

Casing Size: 6.00

Depth Well: 180 feet

Depth Water: 165 feet

*UTM location was derived from PLSS - see Help

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9/29/22 7:28 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 02296	3	4	2	18	25S	35E	650846	3556088 
Driller License: 122		Driller Company: UNKNOWN							
Driller Name: UNKNOWN									
Drill Start Date:		Drill Finish Date: 12/31/1949				Plug Date:			
Log File Date:		PCW Rev Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield: 4 GPM			
Casing Size: 8.00		Depth Well: 300 feet				Depth Water: 230 feet			

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

9/29/22 7:30 PM

POINT OF DIVERSION SUMMARY

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
				Groundwater	New Mexico	GO	

Click to hide News Bulletins

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- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320918103211701

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320918103211701 25S.35E.03.233244

Lea County, New Mexico

Latitude 32°09'36", Longitude 103°21'14" NAD27

Land-surface elevation 3,219.20 feet above NGVD29

The depth of the well is 122 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1965-10-21			D 62610		3118.85	NGVD29	1		Z	
1965-10-21			D 62611		3120.33	NAVD88	1		Z	
1965-10-21			D 72019	100.35			1		Z	
1968-06-12			D 62610		3111.24	NGVD29	P		Z	
1968-06-12			D 62611		3112.72	NAVD88	P		Z	
1968-06-12			D 72019	107.96			P		Z	
1970-12-09			D 62610		3111.21	NGVD29	1		Z	
1970-12-09			D 62611		3112.69	NAVD88	1		Z	
1970-12-09			D 72019	107.99			1		Z	
1976-01-09			D 62610		3111.30	NGVD29	1		Z	
1976-01-09			D 62611		3112.78	NAVD88	1		Z	
1976-01-09			D 72019	107.90			1		Z	
1981-03-27			D 62610		3111.16	NGVD29	1		Z	
1981-03-27			D 62611		3112.64	NAVD88	1		Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum
1981-03-27	D	72019	108.04		1	Z
1986-03-18	D	62610	3111.43	NGVD29	1	Z
1986-03-18	D	62611	3112.91	NAVD88	1	Z
1986-03-18	D	72019	107.77		1	Z
1991-06-12	D	62610	3111.55	NGVD29	1	Z
1991-06-12	D	62611	3113.03	NAVD88	1	Z
1991-06-12	D	72019	107.65		1	Z
1996-03-06	D	62610	3111.43	NGVD29	1	S
1996-03-06	D	62611	3112.91	NAVD88	1	S
1996-03-06	D	72019	107.77		1	S

Explanation

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

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Title: Groundwater for New Mexico: Water Levels

URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=320918103211701&agency_cd=USGS&format=html)

Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-09-29 21:39:51 EDT

0.27 0.24 nadww01





New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng		
	C 02297	2	2	1	21	25S	35E	653475	3555216 
Driller License: 122		Driller Company:				UNKNOWN			
Driller Name:		UNKNOWN							
Drill Start Date:		Drill Finish Date:				12/31/1949		Plug Date:	
Log File Date:		PCW Rev Date:				Source:			
Pump Type:		Pipe Discharge Size:						Estimated Yield: 3 GPM	
Casing Size: 8.00		Depth Well:				300 feet		Depth Water: 230 feet	

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

9/29/22 7:32 PM

POINT OF DIVERSION SUMMARY



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico GO

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- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320704103222301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320704103222301 25S.35E.21.122224

Lea County, New Mexico

Latitude 32°07'21.8", Longitude 103°22'22.7" NAD83

Land-surface elevation 3,240.00 feet above NGVD29

The depth of the well is 180 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1953-04-02			D 62610		3066.74	NGVD29	1		Z	
1953-04-02			D 62611		3068.24	NAVD88	1		Z	
1953-04-02			D 72019	173.26			1		Z	
1970-12-09			D 62610		3073.62	NGVD29	1		Z	
1970-12-09			D 62611		3075.12	NAVD88	1		Z	
1970-12-09			D 72019	166.38			1		Z	
1976-01-09			D 62610		3075.46	NGVD29	1		Z	
1976-01-09			D 62611		3076.96	NAVD88	1		Z	
1976-01-09			D 72019	164.54			1		Z	
2013-01-16	17:15 UTC		m 62610		3014.32	NGVD29	1		S	
2013-01-16	17:15 UTC		m 62611		3015.82	NAVD88	1		S	
2013-01-16	17:15 UTC		m 72019	225.68			1		S	

Explanation

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

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Page Last Modified: 2022-09-29 21:35:09 EDT

0.31 0.28 nadww01

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
				Groundwater	New Mexico	GO	

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320841103205601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320841103205601 25S.35E.10.223132

Lea County, New Mexico

Latitude 32°08'41", Longitude 103°20'56" NAD27

Land-surface elevation 3,174 feet above NAVD88

The depth of the well is 84 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1953-04-02			D 62610		3095.55	NGVD29	1		Z	
1953-04-02			D 62611		3097.02	NAVD88	1		Z	
1953-04-02			D 72019	76.98			1		Z	
1965-10-21			D 62610		3094.66	NGVD29	1		Z	
1965-10-21			D 62611		3096.13	NAVD88	1		Z	
1965-10-21			D 72019	77.87			1		Z	
1968-06-12			D 62610		3098.14	NGVD29	P		Z	
1968-06-12			D 62611		3099.61	NAVD88	P		Z	
1968-06-12			D 72019	74.39			P		Z	
1970-12-09			D 62610		3098.64	NGVD29	1		Z	
1970-12-09			D 62611		3100.11	NAVD88	1		Z	
1970-12-09			D 72019	73.89			1		Z	
1976-01-09			D 62610		3097.48	NGVD29	P		Z	
1976-01-09			D 62611		3098.95	NAVD88	P		Z	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum
1976-01-09	D	72019	75.05		P	Z
1981-03-27	D	62610	3096.10	NGVD29	P	Z
1981-03-27	D	62611	3097.57	NAVD88	P	Z
1981-03-27	D	72019	76.43		P	Z
1986-03-18	D	62610	3096.84	NGVD29	1	Z
1986-03-18	D	62611	3098.31	NAVD88	1	Z
1986-03-18	D	72019	75.69		1	Z
1991-06-12	D	62610	3096.48	NGVD29	1	Z
1991-06-12	D	62611	3097.95	NAVD88	1	Z
1991-06-12	D	72019	76.05		1	Z

Explanation

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

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Title: Groundwater for New Mexico: Water Levels

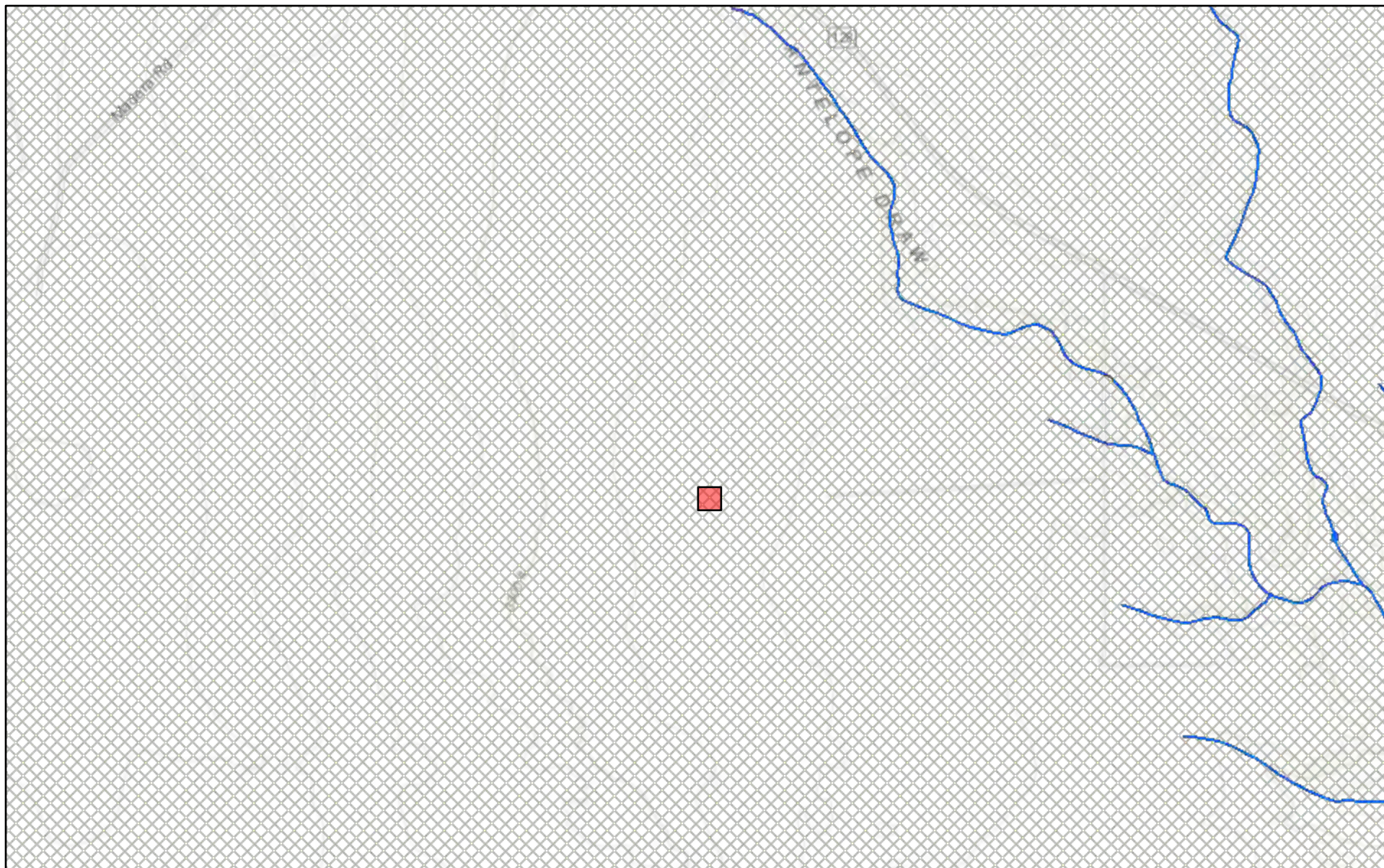
URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=320841103205601&agency_cd=USGS&format=html)Page Contact Information: [New Mexico Water Data Maintainer](#)

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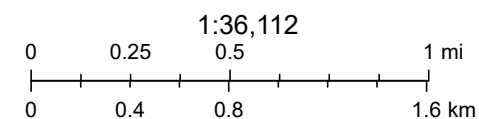
0.29 0.25 nadww02



New Mexico NFHL Data



September 29, 2022



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

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APPENDIX E

CARMONA RESOURCES





Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-19966-1

Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: West Fez Frac Pond (08.17.22)

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Mike Carmona

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

10/10/2022 11:29:08 AM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Laboratory Job ID: 880-19966-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Job ID: 880-19966-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-19966-1**

Receipt

The samples were received on 10/5/2022 8:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C

Receipt Exceptions

The following samples analyzed for method <FRACTION_METHOD> were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1') (880-19966-1), T-1 (1.5') (880-19966-2), T-1 (2') (880-19966-3), T-2 (0-1') (880-19966-4), T-2 (1.5') (880-19966-5), T-2 (2') (880-19966-6), T-3 (0-1') (880-19966-7), T-3 (1.5') (880-19966-8), T-3 (2') (880-19966-9), T-4 (0-1') (880-19966-10), T-4 (1.5') (880-19966-11), T-4 (2') (880-19966-12), T-5 (0-1') (880-19966-13), T-5 (1.5') (880-19966-14), T-5 (2') (880-19966-15), T-5 (3') (880-19966-16), S-1 (0-1') (880-19966-17), S-1 (1.5') (880-19966-18), S-1 (2') (880-19966-19), S-2 (0-1') (880-19966-20), S-2 (1.5') (880-19966-21), S-2 (2') (880-19966-22), S-3 (0-1') (880-19966-23), S-3 (1.5') (880-19966-24), S-3 (2') (880-19966-25), S-4 (0-1') (880-19966-26), S-4 (1.5') (880-19966-27), S-4 (2') (880-19966-28), S-5 (0-1') (880-19966-29), S-5 (1.5') (880-19966-30), S-5 (2') (880-19966-31), H-1 (0.5') (880-19966-32), H-2 (0.5') (880-19966-33), H-3 (0.5') (880-19966-34), H-4 (0.5') (880-19966-35), H-5 (0.5') (880-19966-36), H-6 (0.5') (880-19966-37), H-7 (0.5') (880-19966-38), H-8 (0.5') (880-19966-39), H-9 (0.5') (880-19966-40), H-10 (0.5') (880-19966-41), H-11 (0.5') (880-19966-42), H-12 (0.5') (880-19966-43) and H-13 (0.5') (880-19966-44).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-1 (1.5') (880-19966-2). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-1 (1.5') (880-19966-18). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-36445 and analytical batch 880-36453 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-36289 and analytical batch 880-36441 were outside control limits. Sample matrix interference and/or non-homogeneity are 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: S-3 (0-1') (880-19966-23), S-4 (1.5') (880-19966-27), H-2 (0.5') (880-19966-33), H-5 (0.5') (880-19966-36), H-6 (0.5') (880-19966-37) and H-9 (0.5') (880-19966-40). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-11 (0.5') (880-19966-42) and H-12 (0.5') (880-19966-43). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-36186 and analytical batch 880-36113 was outside the upper control limits.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-36185 and analytical batch 880-36222 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

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

Case Narrative

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Job ID: 880-19966-1 (Continued)

Laboratory: Eurofins Midland (Continued)

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36154 and analytical batch 880-36309 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36155 and analytical batch 880-36327 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-1

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:36	10/08/22 00:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:36	10/08/22 00:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:36	10/08/22 00:54	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/06/22 15:36	10/08/22 00:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:36	10/08/22 00:54	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/06/22 15:36	10/08/22 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/06/22 15:36	10/08/22 00:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/06/22 15:36	10/08/22 00:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	62.4		50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 10:54	1
Diesel Range Organics (Over C10-C28)	62.4		50.0		mg/Kg		10/05/22 13:50	10/06/22 10:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 10:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	10/05/22 13:50	10/06/22 10:54	1
o-Terphenyl	108		70 - 130	10/05/22 13:50	10/06/22 10:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22700	F1	252		mg/Kg			10/06/22 22:18	50

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-19966-2

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 01:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 01:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 01:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 01:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 01:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 01:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	10/06/22 15:36	10/08/22 01:14	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/06/22 15:36	10/08/22 01:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-19966-2

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 11:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 11:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/05/22 13:50	10/06/22 11:59	1
o-Terphenyl	103		70 - 130				10/05/22 13:50	10/06/22 11:59	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		25.1		mg/Kg			10/06/22 22:35	5

Client Sample ID: T-1 (2')

Lab Sample ID: 880-19966-3

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 01:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 01:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 01:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 01:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 01:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/06/22 15:36	10/08/22 01:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/06/22 15:36	10/08/22 01:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 12:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 12:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-19966-3

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 12:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/05/22 13:50	10/06/22 12:21	1
o-Terphenyl	113		70 - 130				10/05/22 13:50	10/06/22 12:21	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		4.99		mg/Kg			10/06/22 22:41	1

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

Lab Sample ID: 880-19966-4

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 01:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 01:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 01:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 01:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 01:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 01:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/06/22 15:36	10/08/22 01:55	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/06/22 15:36	10/08/22 01:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	189		49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 12:42	1
Diesel Range Organics (Over C10-C28)	189		49.9		mg/Kg		10/05/22 13:50	10/06/22 12:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/05/22 13:50	10/06/22 12:42	1
o-Terphenyl	99		70 - 130				10/05/22 13:50	10/06/22 12:42	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8420		50.4		mg/Kg			10/06/22 22:47	10

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-19966-5

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 02:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 02:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 02:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 02:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 02:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/06/22 15:36	10/08/22 02:15	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/06/22 15:36	10/08/22 02:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 13:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 13:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	10/05/22 13:50	10/06/22 13:04	1
o-Terphenyl	109		70 - 130	10/05/22 13:50	10/06/22 13:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	333		5.05		mg/Kg			10/06/22 22:53	1

Client Sample ID: T-2 (2')

Lab Sample ID: 880-19966-6

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 02:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 02:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 02:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 02:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 02:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/06/22 15:36	10/08/22 02:36	1
1,4-Difluorobenzene (Surr)	110		70 - 130	10/06/22 15:36	10/08/22 02:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (2')

Lab Sample ID: 880-19966-6

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 13:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/05/22 13:50	10/06/22 13:25	1
o-Terphenyl	107		70 - 130				10/05/22 13:50	10/06/22 13:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.1		4.98		mg/Kg			10/06/22 23:10	1

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

Lab Sample ID: 880-19966-7

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:36	10/08/22 02:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:36	10/08/22 02:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:36	10/08/22 02:56	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/06/22 15:36	10/08/22 02:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:36	10/08/22 02:56	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/06/22 15:36	10/08/22 02:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				10/06/22 15:36	10/08/22 02:56	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/06/22 15:36	10/08/22 02:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 13:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-7

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				10/05/22 13:50	10/06/22 13:47	1
o-Terphenyl	103		70 - 130				10/05/22 13:50	10/06/22 13:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2910		25.0		mg/Kg			10/06/22 23:16	5

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-19966-8

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 03:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 03:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 03:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 03:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 03:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/06/22 15:36	10/08/22 03:16	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/06/22 15:36	10/08/22 03:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 14:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 14:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/05/22 13:50	10/06/22 14:09	1
o-Terphenyl	108		70 - 130				10/05/22 13:50	10/06/22 14:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		25.0		mg/Kg			10/06/22 23:22	5

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2')

Lab Sample ID: 880-19966-9

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 03:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 03:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 03:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 15:36	10/08/22 03:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 03:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 15:36	10/08/22 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/06/22 15:36	10/08/22 03:37	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/06/22 15:36	10/08/22 03:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 14:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/05/22 13:50	10/06/22 14:30	1
o-Terphenyl	120		70 - 130	10/05/22 13:50	10/06/22 14:30	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.3		5.01		mg/Kg			10/06/22 23:28	1

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

Lab Sample ID: 880-19966-10

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:36	10/08/22 03:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:36	10/08/22 03:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:36	10/08/22 03:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/06/22 15:36	10/08/22 03:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:36	10/08/22 03:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/06/22 15:36	10/08/22 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/06/22 15:36	10/08/22 03:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/06/22 15:36	10/08/22 03:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-10

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.8		49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 14:52	1
Diesel Range Organics (Over C10-C28)	50.8		49.9		mg/Kg		10/05/22 13:50	10/06/22 14:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				10/05/22 13:50	10/06/22 14:52	1
o-Terphenyl	116		70 - 130				10/05/22 13:50	10/06/22 14:52	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6930		50.4		mg/Kg			10/06/22 23:33	10

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-19966-11

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 05:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 05:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 05:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 05:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 05:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 05:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				10/06/22 15:36	10/08/22 05:47	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/06/22 15:36	10/08/22 05:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 15:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 15:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-19966-11

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				10/05/22 13:50	10/06/22 15:34	1
o-Terphenyl	117		70 - 130				10/05/22 13:50	10/06/22 15:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		4.99		mg/Kg			10/06/22 23:39	1

Client Sample ID: T-4 (2')

Lab Sample ID: 880-19966-12

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 06:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 06:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 06:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 06:07	1
o-Xylene	0.00232		0.00199		mg/Kg		10/06/22 15:36	10/08/22 06:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 06:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/06/22 15:36	10/08/22 06:07	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/06/22 15:36	10/08/22 06:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 15:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 15:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/05/22 13:50	10/06/22 15:56	1
o-Terphenyl	107		70 - 130				10/05/22 13:50	10/06/22 15:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.7		4.97		mg/Kg			10/06/22 23:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-13

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 06:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 06:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 06:28	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 15:36	10/08/22 06:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 06:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 15:36	10/08/22 06:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	10/06/22 15:36	10/08/22 06:28	1
1,4-Difluorobenzene (Surr)	121		70 - 130	10/06/22 15:36	10/08/22 06:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/05/22 13:50	10/06/22 16:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/05/22 13:50	10/06/22 16:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/05/22 13:50	10/06/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	10/05/22 13:50	10/06/22 16:17	1
o-Terphenyl	111		70 - 130	10/05/22 13:50	10/06/22 16:17	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		5.02		mg/Kg			10/07/22 00:03	1

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-19966-14

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 06:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 06:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 06:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 06:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 06:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 06:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/06/22 15:36	10/08/22 06:48	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/06/22 15:36	10/08/22 06:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-19966-14

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 16:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 16:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/05/22 13:50	10/06/22 16:39	1
o-Terphenyl	99		70 - 130				10/05/22 13:50	10/06/22 16:39	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020		5.05		mg/Kg			10/07/22 00:20	1

Client Sample ID: T-5 (2')

Lab Sample ID: 880-19966-15

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 07:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 07:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 07:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 15:36	10/08/22 07:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 07:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 15:36	10/08/22 07:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				10/06/22 15:36	10/08/22 07:08	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/06/22 15:36	10/08/22 07:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 17:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 17:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2')

Lab Sample ID: 880-19966-15

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				10/05/22 13:50	10/06/22 17:00	1
o-Terphenyl	124		70 - 130				10/05/22 13:50	10/06/22 17:00	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	590		5.00		mg/Kg			10/07/22 00:26	1

Client Sample ID: T-5 (3')

Lab Sample ID: 880-19966-16

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 07:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 07:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 07:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 07:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 07:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 07:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				10/06/22 15:36	10/08/22 07:29	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/06/22 15:36	10/08/22 07:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 17:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 17:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/05/22 13:50	10/06/22 17:22	1
o-Terphenyl	99		70 - 130				10/05/22 13:50	10/06/22 17:22	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.1		4.98		mg/Kg			10/07/22 00:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-19966-17

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 07:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 07:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 07:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 07:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:36	10/08/22 07:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:36	10/08/22 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	10/06/22 15:36	10/08/22 07:50	1
1,4-Difluorobenzene (Surr)	106		70 - 130	10/06/22 15:36	10/08/22 07:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 17:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 17:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	10/05/22 13:50	10/06/22 17:43	1
o-Terphenyl	111		70 - 130	10/05/22 13:50	10/06/22 17:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	331		4.99		mg/Kg			10/07/22 00:38	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-19966-18

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00459		0.00199		mg/Kg		10/08/22 11:38	10/09/22 02:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 11:38	10/09/22 02:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 11:38	10/09/22 02:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/22 11:38	10/09/22 02:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/22 11:38	10/09/22 02:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/22 11:38	10/09/22 02:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/08/22 11:38	10/09/22 02:45	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130	10/08/22 11:38	10/09/22 02:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-19966-18

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00459		0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				10/05/22 13:50	10/06/22 18:04	1
o-Terphenyl	115		70 - 130				10/05/22 13:50	10/06/22 18:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1250		4.96		mg/Kg			10/07/22 00:43	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-19966-19

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 08:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 08:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 08:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 08:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 08:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:36	10/08/22 08:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				10/06/22 15:36	10/08/22 08:30	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/06/22 15:36	10/08/22 08:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-19966-19

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/05/22 13:50	10/06/22 18:26	1
o-Terphenyl	110		70 - 130				10/05/22 13:50	10/06/22 18:26	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	271		5.03		mg/Kg			10/07/22 00:49	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-19966-20

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 08:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 08:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 08:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 15:36	10/08/22 08:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:36	10/08/22 08:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 15:36	10/08/22 08:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				10/06/22 15:36	10/08/22 08:51	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/06/22 15:36	10/08/22 08:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:50	10/06/22 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				10/05/22 13:50	10/06/22 18:47	1
o-Terphenyl	99		70 - 130				10/05/22 13:50	10/06/22 18:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.3		5.05		mg/Kg			10/07/22 00:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-19966-21

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1 F2	0.00198		mg/Kg		10/06/22 15:39	10/08/22 14:47	1
Toluene	<0.00198	U F1 F2	0.00198		mg/Kg		10/06/22 15:39	10/08/22 14:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 14:47	1
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.00396		mg/Kg		10/06/22 15:39	10/08/22 14:47	1
o-Xylene	<0.00198	U F1 F2	0.00198		mg/Kg		10/06/22 15:39	10/08/22 14:47	1
Xylenes, Total	<0.00396	U F1 F2	0.00396		mg/Kg		10/06/22 15:39	10/08/22 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/06/22 15:39	10/08/22 14:47	1
1,4-Difluorobenzene (Surr)	85		70 - 130	10/06/22 15:39	10/08/22 14:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 10:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/05/22 13:54	10/06/22 10:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 10:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	10/05/22 13:54	10/06/22 10:54	1
o-Terphenyl	104		70 - 130	10/05/22 13:54	10/06/22 10:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.5		5.03		mg/Kg			10/07/22 19:23	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-19966-22

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:39	10/08/22 15:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:39	10/08/22 15:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:39	10/08/22 15:25	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/06/22 15:39	10/08/22 15:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:39	10/08/22 15:25	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/06/22 15:39	10/08/22 15:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	10/06/22 15:39	10/08/22 15:25	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/06/22 15:39	10/08/22 15:25	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-19966-22

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 11:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/05/22 13:54	10/06/22 11:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/05/22 13:54	10/06/22 11:59	1
o-Terphenyl	91		70 - 130				10/05/22 13:54	10/06/22 11:59	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.6		5.04		mg/Kg			10/07/22 19:46	1

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-19966-23

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 15:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 15:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 15:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:39	10/08/22 15:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 15:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:39	10/08/22 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				10/06/22 15:39	10/08/22 15:52	1
1,4-Difluorobenzene (Surr)	134	S1+	70 - 130				10/06/22 15:39	10/08/22 15:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 12:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/05/22 13:54	10/06/22 12:21	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-19966-23

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 12:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/05/22 13:54	10/06/22 12:21	1
o-Terphenyl	94		70 - 130				10/05/22 13:54	10/06/22 12:21	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.7		5.02		mg/Kg			10/07/22 19:54	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-19966-24

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 16:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 16:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 16:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/06/22 15:39	10/08/22 16:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 16:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/06/22 15:39	10/08/22 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/06/22 15:39	10/08/22 16:19	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/06/22 15:39	10/08/22 16:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 12:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 12:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				10/05/22 13:54	10/06/22 12:42	1
o-Terphenyl	83		70 - 130				10/05/22 13:54	10/06/22 12:42	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	683		4.98		mg/Kg			10/07/22 20:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-19966-25

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 16:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 16:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 16:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 16:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 16:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	10/06/22 15:39	10/08/22 16:45	1
1,4-Difluorobenzene (Surr)	110		70 - 130	10/06/22 15:39	10/08/22 16:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 13:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 13:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 13:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	10/05/22 13:54	10/06/22 13:04	1
o-Terphenyl	82		70 - 130	10/05/22 13:54	10/06/22 13:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.6		4.96		mg/Kg			10/07/22 20:09	1

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-19966-26

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 17:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 17:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 17:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 15:39	10/08/22 17:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 17:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 15:39	10/08/22 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/06/22 15:39	10/08/22 17:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/06/22 15:39	10/08/22 17:12	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-19966-26

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/05/22 13:54	10/06/22 13:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				10/05/22 13:54	10/06/22 13:25	1
o-Terphenyl	94		70 - 130				10/05/22 13:54	10/06/22 13:25	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.3		4.96		mg/Kg			10/07/22 20:33	1

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-19966-27

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 17:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 15:39	10/08/22 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 17:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 15:39	10/08/22 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	4	S1-	70 - 130				10/06/22 15:39	10/08/22 17:39	1
1,4-Difluorobenzene (Surr)	72		70 - 130				10/06/22 15:39	10/08/22 17:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 13:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-19966-27

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/05/22 13:54	10/06/22 13:47	1
o-Terphenyl	87		70 - 130				10/05/22 13:54	10/06/22 13:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.6		5.04		mg/Kg			10/07/22 20:40	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-19966-28

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 18:06	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 18:06	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 18:06	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/06/22 15:39	10/08/22 18:06	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/06/22 15:39	10/08/22 18:06	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/06/22 15:39	10/08/22 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				10/06/22 15:39	10/08/22 18:06	1
1,4-Difluorobenzene (Surr)	88		70 - 130				10/06/22 15:39	10/08/22 18:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 14:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/05/22 13:54	10/06/22 14:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				10/05/22 13:54	10/06/22 14:09	1
o-Terphenyl	88		70 - 130				10/05/22 13:54	10/06/22 14:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		4.99		mg/Kg			10/07/22 20:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-19966-29

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 18:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 18:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 18:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:39	10/08/22 18:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 18:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:39	10/08/22 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/06/22 15:39	10/08/22 18:33	1
1,4-Difluorobenzene (Surr)	87		70 - 130	10/06/22 15:39	10/08/22 18:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 14:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	10/05/22 13:54	10/06/22 14:30	1
o-Terphenyl	93		70 - 130	10/05/22 13:54	10/06/22 14:30	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.1		4.97		mg/Kg			10/07/22 20:56	1

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-19966-30

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 18:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 18:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 18:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 18:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 18:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	10/06/22 15:39	10/08/22 18:59	1
1,4-Difluorobenzene (Surr)	129		70 - 130	10/06/22 15:39	10/08/22 18:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-19966-30

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 14:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 14:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/05/22 13:54	10/06/22 14:52	1
o-Terphenyl	83		70 - 130				10/05/22 13:54	10/06/22 14:52	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	720		5.01		mg/Kg			10/07/22 21:03	1

Client Sample ID: S-5 (2')

Lab Sample ID: 880-19966-31

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 20:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 20:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 20:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 20:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 20:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				10/06/22 15:39	10/08/22 20:46	1
1,4-Difluorobenzene (Surr)	79		70 - 130				10/06/22 15:39	10/08/22 20:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 15:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 15:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (2')

Lab Sample ID: 880-19966-31

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/05/22 13:54	10/06/22 15:34	1
o-Terphenyl	83		70 - 130				10/05/22 13:54	10/06/22 15:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.3		5.03		mg/Kg			10/07/22 21:11	1

Client Sample ID: H-1 (0.5')

Lab Sample ID: 880-19966-32

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 21:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 21:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 21:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 15:39	10/08/22 21:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 21:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 15:39	10/08/22 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				10/06/22 15:39	10/08/22 21:13	1
1,4-Difluorobenzene (Surr)	75		70 - 130				10/06/22 15:39	10/08/22 21:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 15:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/05/22 13:54	10/06/22 15:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				10/05/22 13:54	10/06/22 15:56	1
o-Terphenyl	110		70 - 130				10/05/22 13:54	10/06/22 15:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.0		4.97		mg/Kg			10/07/22 21:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-2 (0.5')

Lab Sample ID: 880-19966-33

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:39	10/08/22 21:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:39	10/08/22 21:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:39	10/08/22 21:40	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/06/22 15:39	10/08/22 21:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/06/22 15:39	10/08/22 21:40	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/06/22 15:39	10/08/22 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	10/06/22 15:39	10/08/22 21:40	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	10/06/22 15:39	10/08/22 21:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/05/22 13:54	10/06/22 16:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U *1	49.8		mg/Kg		10/05/22 13:54	10/06/22 16:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/05/22 13:54	10/06/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	10/05/22 13:54	10/06/22 16:17	1
o-Terphenyl	113		70 - 130	10/05/22 13:54	10/06/22 16:17	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.2		4.97		mg/Kg			10/07/22 21:42	1

Client Sample ID: H-3 (0.5')

Lab Sample ID: 880-19966-34

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 22:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 22:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 22:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 22:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 22:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 22:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/06/22 15:39	10/08/22 22:06	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/06/22 15:39	10/08/22 22:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-3 (0.5')

Lab Sample ID: 880-19966-34

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 16:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 16:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/05/22 13:54	10/06/22 16:39	1
o-Terphenyl	89		70 - 130				10/05/22 13:54	10/06/22 16:39	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.7		4.98		mg/Kg			10/07/22 22:05	1

Client Sample ID: H-4 (0.5')

Lab Sample ID: 880-19966-35

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 22:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 22:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 22:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:39	10/08/22 22:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 22:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:39	10/08/22 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				10/06/22 15:39	10/08/22 22:33	1
1,4-Difluorobenzene (Surr)	83		70 - 130				10/06/22 15:39	10/08/22 22:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 17:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 17:00	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0.5')

Lab Sample ID: 880-19966-35

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				10/05/22 13:54	10/06/22 17:00	1
o-Terphenyl	97		70 - 130				10/05/22 13:54	10/06/22 17:00	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		5.01		mg/Kg			10/07/22 22:13	1

Client Sample ID: H-5 (0.5')

Lab Sample ID: 880-19966-36

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 22:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 22:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 22:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 15:39	10/08/22 22:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:39	10/08/22 22:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 15:39	10/08/22 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	34	S1-	70 - 130				10/06/22 15:39	10/08/22 22:59	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130				10/06/22 15:39	10/08/22 22:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 17:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		10/05/22 13:54	10/06/22 17:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				10/05/22 13:54	10/06/22 17:22	1
o-Terphenyl	97		70 - 130				10/05/22 13:54	10/06/22 17:22	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.96		mg/Kg			10/07/22 22:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-6 (0.5')

Lab Sample ID: 880-19966-37

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 23:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 23:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 23:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 23:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:39	10/08/22 23:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:39	10/08/22 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	10/06/22 15:39	10/08/22 23:25	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/06/22 15:39	10/08/22 23:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 17:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 17:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	10/05/22 13:54	10/06/22 17:43	1
o-Terphenyl	101		70 - 130	10/05/22 13:54	10/06/22 17:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.1		4.97		mg/Kg			10/07/22 22:28	1

Client Sample ID: H-7 (0.5')

Lab Sample ID: 880-19966-38

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:35	10/10/22 11:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:35	10/10/22 11:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:35	10/10/22 11:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/10/22 08:35	10/10/22 11:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:35	10/10/22 11:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/10/22 08:35	10/10/22 11:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	10/10/22 08:35	10/10/22 11:38	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/10/22 08:35	10/10/22 11:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0.5')

Lab Sample ID: 880-19966-38

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				10/05/22 13:54	10/06/22 18:04	1
o-Terphenyl	89		70 - 130				10/05/22 13:54	10/06/22 18:04	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.4		5.01		mg/Kg			10/07/22 22:36	1

Client Sample ID: H-8 (0.5')

Lab Sample ID: 880-19966-39

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/09/22 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/09/22 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/09/22 00:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:39	10/09/22 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/09/22 00:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:39	10/09/22 00:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/06/22 15:39	10/09/22 00:17	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/06/22 15:39	10/09/22 00:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-8 (0.5')

Lab Sample ID: 880-19966-39

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				10/05/22 13:54	10/06/22 18:26	1
o-Terphenyl	116		70 - 130				10/05/22 13:54	10/06/22 18:26	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.98		mg/Kg			10/07/22 22:44	1

Client Sample ID: H-9 (0.5')

Lab Sample ID: 880-19966-40

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/09/22 00:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/09/22 00:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/09/22 00:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 15:39	10/09/22 00:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/09/22 00:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 15:39	10/09/22 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				10/06/22 15:39	10/09/22 00:43	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/06/22 15:39	10/09/22 00:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 13:54	10/06/22 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/05/22 13:54	10/06/22 18:47	1
o-Terphenyl	95		70 - 130				10/05/22 13:54	10/06/22 18:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.2		5.02		mg/Kg			10/07/22 22:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-10 (0.5')

Lab Sample ID: 880-19966-41

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:51	10/08/22 16:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:51	10/08/22 16:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:51	10/08/22 16:09	1
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402		mg/Kg		10/06/22 15:51	10/08/22 16:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 15:51	10/08/22 16:09	1
Xylenes, Total	<0.00402	U F2	0.00402		mg/Kg		10/06/22 15:51	10/08/22 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	10/06/22 15:51	10/08/22 16:09	1
1,4-Difluorobenzene (Surr)	82		70 - 130	10/06/22 15:51	10/08/22 16:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 01:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 01:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	10/05/22 14:06	10/06/22 01:11	1
o-Terphenyl	98		70 - 130	10/05/22 14:06	10/06/22 01:11	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.3	F1	5.00		mg/Kg			10/07/22 02:04	1

Client Sample ID: H-11 (0.5')

Lab Sample ID: 880-19966-42

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 16:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 16:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 16:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 15:51	10/08/22 16:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 16:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 15:51	10/08/22 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	66	S1-	70 - 130	10/06/22 15:51	10/08/22 16:30	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/06/22 15:51	10/08/22 16:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0.5')

Lab Sample ID: 880-19966-42

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 14:06	10/06/22 01:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 14:06	10/06/22 01:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 14:06	10/06/22 01:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/05/22 14:06	10/06/22 01:31	1
o-Terphenyl	111		70 - 130				10/05/22 14:06	10/06/22 01:31	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		4.98		mg/Kg			10/07/22 02:27	1

Client Sample ID: H-12 (0.5')

Lab Sample ID: 880-19966-43

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 16:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 16:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 16:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 15:51	10/08/22 16:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 16:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 15:51	10/08/22 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				10/06/22 15:51	10/08/22 16:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/06/22 15:51	10/08/22 16:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 01:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 01:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-12 (0.5')

Lab Sample ID: 880-19966-43

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 01:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/05/22 14:06	10/06/22 01:53	1
o-Terphenyl	102		70 - 130				10/05/22 14:06	10/06/22 01:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		4.95		mg/Kg			10/07/22 02:34	1

Client Sample ID: H-13 (0.5')

Lab Sample ID: 880-19966-44

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:51	10/08/22 17:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:51	10/08/22 17:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:51	10/08/22 17:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 15:51	10/08/22 17:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 15:51	10/08/22 17:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 15:51	10/08/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/06/22 15:51	10/08/22 17:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/06/22 15:51	10/08/22 17:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 02:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 02:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				10/05/22 14:06	10/06/22 02:14	1
o-Terphenyl	92		70 - 130				10/05/22 14:06	10/06/22 02:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		4.99		mg/Kg			10/07/22 02:58	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
840-1415-A-1-D MS	Matrix Spike	267 S1+	84
840-1415-A-1-E MSD	Matrix Spike Duplicate	187 S1+	81
880-19966-1	T-1 (0-1')	119	99
880-19966-1 MS	T-1 (0-1')	121	100
880-19966-1 MSD	T-1 (0-1')	121	101
880-19966-2	T-1 (1.5')	134 S1+	114
880-19966-3	T-1 (2')	109	99
880-19966-4	T-2 (0-1')	119	109
880-19966-5	T-2 (1.5')	114	104
880-19966-6	T-2 (2')	114	110
880-19966-7	T-3 (0-1')	116	103
880-19966-8	T-3 (1.5')	119	99
880-19966-9	T-3 (2')	115	100
880-19966-10	T-4 (0-1')	114	100
880-19966-11	T-4 (1.5')	124	100
880-19966-12	T-4 (2')	91	111
880-19966-13	T-5 (0-1')	118	121
880-19966-14	T-5 (1.5')	114	111
880-19966-15	T-5 (2')	118	108
880-19966-16	T-5 (3')	85	93
880-19966-17	S-1 (0-1')	93	106
880-19966-18	S-1 (1.5')	115	132 S1+
880-19966-19	S-1 (2')	114	104
880-19966-20	S-2 (0-1')	86	103
880-19966-21	S-2 (1.5')	115	85
880-19966-21 MS	S-2 (1.5')	92	90
880-19966-21 MSD	S-2 (1.5')	118	99
880-19966-22	S-2 (2')	126	93
880-19966-23	S-3 (0-1')	131 S1+	134 S1+
880-19966-24	S-3 (1.5')	91	101
880-19966-25	S-3 (2')	125	110
880-19966-26	S-4 (0-1')	123	88
880-19966-27	S-4 (1.5')	4 S1-	72
880-19966-28	S-4 (2')	129	88
880-19966-29	S-5 (0-1')	123	87
880-19966-30	S-5 (1.5')	119	129
880-19966-31	S-5 (2')	128	79
880-19966-32	H-1 (0.5')	84	75
880-19966-33	H-2 (0.5')	116	69 S1-
880-19966-34	H-3 (0.5')	108	95
880-19966-35	H-4 (0.5')	129	83
880-19966-36	H-5 (0.5')	34 S1-	65 S1-
880-19966-37	H-6 (0.5')	155 S1+	88
880-19966-38	H-7 (0.5')	114	98
880-19966-39	H-8 (0.5')	105	95
880-19966-40	H-9 (0.5')	131 S1+	106
880-19966-41	H-10 (0.5')	77	82
880-19966-41 MS	H-10 (0.5')	74	125
880-19966-41 MSD	H-10 (0.5')	121	89

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-19966-1

Project/Site: West Fez Frac Pond (08.17.22)

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-19966-42	H-11 (0.5')	66 S1-	99
880-19966-43	H-12 (0.5')	69 S1-	99
880-19966-44	H-13 (0.5')	91	94
880-20083-A-1-B MS	Matrix Spike	116	111
880-20083-A-1-C MSD	Matrix Spike Duplicate	101	105
LCS 880-36288/1-A	Lab Control Sample	112	106
LCS 880-36289/1-A	Lab Control Sample	106	94
LCS 880-36293/1-A	Lab Control Sample	110	91
LCS 880-36445/1-A	Lab Control Sample	118	104
LCS 880-36503/1-A	Lab Control Sample	81	89
LCSD 880-36288/2-A	Lab Control Sample Dup	115	106
LCSD 880-36289/2-A	Lab Control Sample Dup	110	92
LCSD 880-36293/2-A	Lab Control Sample Dup	118	96
LCSD 880-36445/2-A	Lab Control Sample Dup	119	104
LCSD 880-36503/2-A	Lab Control Sample Dup	91	91
MB 880-36288/5-A	Method Blank	106	115
MB 880-36289/5-A	Method Blank	82	82
MB 880-36293/5-A	Method Blank	83	92
MB 880-36328/5-A	Method Blank	105	110
MB 880-36445/5-A	Method Blank	116	108
MB 880-36503/5-A	Method Blank	98	86
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-19966-1	T-1 (0-1')	103	108
880-19966-1 MS	T-1 (0-1')	93	85
880-19966-1 MSD	T-1 (0-1')	110	95
880-19966-2	T-1 (1.5')	96	103
880-19966-3	T-1 (2')	108	113
880-19966-4	T-2 (0-1')	95	99
880-19966-5	T-2 (1.5')	100	109
880-19966-6	T-2 (2')	100	107
880-19966-7	T-3 (0-1')	97	103
880-19966-8	T-3 (1.5')	100	108
880-19966-9	T-3 (2')	116	120
880-19966-10	T-4 (0-1')	115	116
880-19966-11	T-4 (1.5')	111	117
880-19966-12	T-4 (2')	101	107
880-19966-13	T-5 (0-1')	113	111
880-19966-14	T-5 (1.5')	93	99
880-19966-15	T-5 (2')	119	124
880-19966-16	T-5 (3')	95	99
880-19966-17	S-1 (0-1')	109	111

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-19966-1

Project/Site: West Fez Frac Pond (08.17.22)

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-19966-18	S-1 (1.5')	114	115
880-19966-19	S-1 (2')	110	110
880-19966-20	S-2 (0-1')	99	99
880-19966-21	S-2 (1.5')	111	104
880-19966-21 MS	S-2 (1.5')	94	82
880-19966-21 MSD	S-2 (1.5')	91	81
880-19966-22	S-2 (2')	100	91
880-19966-23	S-3 (0-1')	101	94
880-19966-24	S-3 (1.5')	91	83
880-19966-25	S-3 (2')	89	82
880-19966-26	S-4 (0-1')	103	94
880-19966-27	S-4 (1.5')	95	87
880-19966-28	S-4 (2')	98	88
880-19966-29	S-5 (0-1')	104	93
880-19966-30	S-5 (1.5')	93	83
880-19966-31	S-5 (2')	93	83
880-19966-32	H-1 (0.5')	122	110
880-19966-33	H-2 (0.5')	107	113
880-19966-34	H-3 (0.5')	101	89
880-19966-35	H-4 (0.5')	100	97
880-19966-36	H-5 (0.5')	92	97
880-19966-37	H-6 (0.5')	109	101
880-19966-38	H-7 (0.5')	99	89
880-19966-39	H-8 (0.5')	118	116
880-19966-40	H-9 (0.5')	93	95
880-19966-41	H-10 (0.5')	90	98
880-19966-42	H-11 (0.5')	102	111
880-19966-43	H-12 (0.5')	95	102
880-19966-44	H-13 (0.5')	83	92
880-19973-A-46-C MS	Matrix Spike	71	73
880-19973-A-46-D MSD	Matrix Spike Duplicate	84	85
LCS 880-36183/2-A	Lab Control Sample	85	94
LCS 880-36185/2-A	Lab Control Sample	107	111
LCS 880-36186/2-A	Lab Control Sample	91	108
LCSD 880-36183/3-A	Lab Control Sample Dup	106	108
LCSD 880-36185/3-A	Lab Control Sample Dup	99	95
LCSD 880-36186/3-A	Lab Control Sample Dup	92	108
MB 880-36183/1-A	Method Blank	98	97
MB 880-36185/1-A	Method Blank	96	95
MB 880-36186/1-A	Method Blank	6 S1-	7 S1-

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36288/5-A

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 15:36	10/08/22 00:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/06/22 15:36	10/08/22 00:25	1
1,4-Difluorobenzene (Surr)	115		70 - 130	10/06/22 15:36	10/08/22 00:25	1

Lab Sample ID: LCS 880-36288/1-A

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1055		mg/Kg		105	70 - 130
Toluene	0.100	0.1075		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1084		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2195		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1094		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-36288/2-A

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36288

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1129		mg/Kg		113	70 - 130	7	35
Toluene	0.100	0.1198		mg/Kg		120	70 - 130	11	35
Ethylbenzene	0.100	0.1198		mg/Kg		120	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2447		mg/Kg		122	70 - 130	11	35
o-Xylene	0.100	0.1211		mg/Kg		121	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-19966-1 MS

Matrix: Solid

Analysis Batch: 36341

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

Prep Type: Total/NA

Prep Batch: 36288

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.08443		mg/Kg		84	70 - 130
Toluene	<0.00202	U	0.100	0.09509		mg/Kg		95	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-1 MS

Matrix: Solid

Analysis Batch: 36341

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

Prep Type: Total/NA

Prep Batch: 36288

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.09132		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1863		mg/Kg		93	70 - 130
o-Xylene	<0.00202	U	0.100	0.09385		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-19966-1 MSD

Matrix: Solid

Analysis Batch: 36341

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

Prep Type: Total/NA

Prep Batch: 36288

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.07415		mg/Kg		75	70 - 130	13	35
Toluene	<0.00202	U	0.0990	0.08316		mg/Kg		84	70 - 130	13	35
Ethylbenzene	<0.00202	U	0.0990	0.07976		mg/Kg		81	70 - 130	14	35
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1635		mg/Kg		83	70 - 130	13	35
o-Xylene	<0.00202	U	0.0990	0.08166		mg/Kg		82	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-36289/5-A

Matrix: Solid

Analysis Batch: 36441

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 15:39	10/08/22 14:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	10/06/22 15:39	10/08/22 14:21	1
1,4-Difluorobenzene (Surr)	82		70 - 130	10/06/22 15:39	10/08/22 14:21	1

Lab Sample ID: LCS 880-36289/1-A

Matrix: Solid

Analysis Batch: 36441

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09574		mg/Kg		96	70 - 130
Toluene	0.100	0.1005		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2044		mg/Kg		102	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-36289/1-A

Matrix: Solid

Analysis Batch: 36441

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36289

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09924		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-36289/2-A

Matrix: Solid

Analysis Batch: 36441

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36289

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1190		mg/Kg		119	70 - 130	22	35
Toluene	0.100	0.1122		mg/Kg		112	70 - 130	11	35
Ethylbenzene	0.100	0.1141		mg/Kg		114	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.2320		mg/Kg		116	70 - 130	13	35
o-Xylene	0.100	0.1164		mg/Kg		116	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-19966-21 MS

Matrix: Solid

Analysis Batch: 36441

Client Sample ID: S-2 (1.5')

Prep Type: Total/NA

Prep Batch: 36289

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U F1 F2	0.0998	0.01018	F1	mg/Kg		10	70 - 130
Toluene	<0.00198	U F1 F2	0.0998	0.004957	F1	mg/Kg		5	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.07623		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.200	0.08868	F1	mg/Kg		44	70 - 130
o-Xylene	<0.00198	U F1 F2	0.0998	0.002036	F1	mg/Kg		2	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-19966-21 MSD

Matrix: Solid

Analysis Batch: 36441

Client Sample ID: S-2 (1.5')

Prep Type: Total/NA

Prep Batch: 36289

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U F1 F2	0.101	0.07991	F2	mg/Kg		79	70 - 130	155	35
Toluene	<0.00198	U F1 F2	0.101	0.08073	F2	mg/Kg		80	70 - 130	177	35
Ethylbenzene	<0.00198	U	0.101	0.08362		mg/Kg		83	70 - 130	9	35
m-Xylene & p-Xylene	<0.00396	U F1 F2	0.201	0.1699	F2	mg/Kg		84	70 - 130	63	35
o-Xylene	<0.00198	U F1 F2	0.101	0.08615	F2	mg/Kg		86	70 - 130	191	35

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-21 MSD

Matrix: Solid

Analysis Batch: 36441

Client Sample ID: S-2 (1.5')

Prep Type: Total/NA

Prep Batch: 36289

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-36293/5-A

Matrix: Solid

Analysis Batch: 36442

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36293

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 15:47	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 15:47	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 15:47	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 15:51	10/08/22 15:47	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:51	10/08/22 15:47	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 15:51	10/08/22 15:47	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				10/06/22 15:51	10/08/22 15:47	1	
1,4-Difluorobenzene (Surr)	92		70 - 130				10/06/22 15:51	10/08/22 15:47	1	

Lab Sample ID: LCS 880-36293/1-A

Matrix: Solid

Analysis Batch: 36442

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36293

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09668		mg/Kg		97	70 - 130			
Toluene	0.100	0.09004		mg/Kg		90	70 - 130			
Ethylbenzene	0.100	0.09180		mg/Kg		92	70 - 130			
m-Xylene & p-Xylene	0.200	0.1976		mg/Kg		99	70 - 130			
o-Xylene	0.100	0.1129		mg/Kg		113	70 - 130			

	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	110		70 - 130							
1,4-Difluorobenzene (Surr)	91		70 - 130							

Lab Sample ID: LCSD 880-36293/2-A

Matrix: Solid

Analysis Batch: 36442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36293

	Spike	LCSD	LCSD					%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1076		mg/Kg		108	70 - 130	11	35	
Toluene	0.100	0.09909		mg/Kg		99	70 - 130	10	35	
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130	11	35	
m-Xylene & p-Xylene	0.200	0.2184		mg/Kg		109	70 - 130	10	35	
o-Xylene	0.100	0.1246		mg/Kg		125	70 - 130	10	35	

	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	118		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-36293/2-A

Matrix: Solid

Analysis Batch: 36442

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36293

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

Lab Sample ID: 880-19966-41 MS

Matrix: Solid

Analysis Batch: 36442

Client Sample ID: H-10 (0.5')

Prep Type: Total/NA

Prep Batch: 36293

	Sample	Sample	Spike	MS	MS			%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00201	U	0.100	0.08969		mg/Kg		90	70 - 130
Toluene	<0.00201	U	0.100	0.08605		mg/Kg		85	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.07672		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.200	0.1339	F1	mg/Kg		67	70 - 130
o-Xylene	<0.00201	U	0.100	0.08497		mg/Kg		85	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	74		70 - 130
1,4-Difluorobenzene (Surr)	125		70 - 130

Lab Sample ID: 880-19966-41 MSD

Matrix: Solid

Analysis Batch: 36442

Client Sample ID: H-10 (0.5')

Prep Type: Total/NA

Prep Batch: 36293

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00201	U	0.0990	0.08178		mg/Kg		83	70 - 130	9	35
Toluene	<0.00201	U	0.0990	0.08628		mg/Kg		87	70 - 130	0	35
Ethylbenzene	<0.00201	U	0.0990	0.09310		mg/Kg		94	70 - 130	19	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.198	0.2029	F2	mg/Kg		102	70 - 130	41	35
o-Xylene	<0.00201	U	0.0990	0.1137		mg/Kg		115	70 - 130	29	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: MB 880-36328/5-A

Matrix: Solid

Analysis Batch: 36341

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36328

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/07/22 08:23	10/07/22 12:50	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/07/22 08:23	10/07/22 12:50	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/07/22 08:23	10/07/22 12:50	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/07/22 08:23	10/07/22 12:50	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/07/22 08:23	10/07/22 12:50	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/07/22 08:23	10/07/22 12:50	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	105		70 - 130	10/07/22 08:23	10/07/22 12:50	1				
1,4-Difluorobenzene (Surr)	110		70 - 130	10/07/22 08:23	10/07/22 12:50	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-36445/5-A

Matrix: Solid

Analysis Batch: 36453

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/22 11:38	10/08/22 23:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/22 11:38	10/08/22 23:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/22 11:38	10/08/22 23:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/08/22 11:38	10/08/22 23:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/22 11:38	10/08/22 23:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/22 11:38	10/08/22 23:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	10/08/22 11:38	10/08/22 23:53	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/08/22 11:38	10/08/22 23:53	1

Lab Sample ID: LCS 880-36445/1-A

Matrix: Solid

Analysis Batch: 36453

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1107		mg/Kg		111	70 - 130
Toluene	0.100	0.1158		mg/Kg		116	70 - 130
Ethylbenzene	0.100	0.1165		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2390		mg/Kg		120	70 - 130
o-Xylene	0.100	0.1187		mg/Kg		119	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-36445/2-A

Matrix: Solid

Analysis Batch: 36453

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36445

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1164		mg/Kg		116	70 - 130	5	35
Toluene	0.100	0.1209		mg/Kg		121	70 - 130	4	35
Ethylbenzene	0.100	0.1212		mg/Kg		121	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2484		mg/Kg		124	70 - 130	4	35
o-Xylene	0.100	0.1241		mg/Kg		124	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-20083-A-1-B MS

Matrix: Solid

Analysis Batch: 36453

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.06842	F1	mg/Kg		68	70 - 130
Toluene	<0.00201	U F1	0.100	0.06949	F1	mg/Kg		69	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-20083-A-1-B MS

Matrix: Solid

Analysis Batch: 36453

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.100	0.06425	F1	mg/Kg		64	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1166	F1	mg/Kg		58	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.06244	F1	mg/Kg		62	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-20083-A-1-C MSD

Matrix: Solid

Analysis Batch: 36453

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.07729		mg/Kg		78	70 - 130	12	35
Toluene	<0.00201	U F1	0.0990	0.07311		mg/Kg		74	70 - 130	5	35
Ethylbenzene	<0.00201	U F1	0.0990	0.06843	F1	mg/Kg		69	70 - 130	6	35
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.1224	F1	mg/Kg		62	70 - 130	5	35
o-Xylene	<0.00201	U F1	0.0990	0.06162	F1	mg/Kg		62	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 840-1415-A-1-D MS

Matrix: Solid

Analysis Batch: 36501

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	267	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 840-1415-A-1-E MSD

Matrix: Solid

Analysis Batch: 36501

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	187	S1+	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: MB 880-36503/5-A

Matrix: Solid

Analysis Batch: 36501

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:35	10/10/22 10:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:35	10/10/22 10:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:35	10/10/22 10:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/10/22 08:35	10/10/22 10:55	1

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-36503/5-A

Matrix: Solid

Analysis Batch: 36501

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:35	10/10/22 10:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/10/22 08:35	10/10/22 10:55	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/10/22 08:35	10/10/22 10:55	1
1,4-Difluorobenzene (Surr)	86		70 - 130				10/10/22 08:35	10/10/22 10:55	1

Lab Sample ID: LCS 880-36503/1-A

Matrix: Solid

Analysis Batch: 36501

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09697		mg/Kg		97	70 - 130
Toluene	0.100	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.09553		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1994		mg/Kg		100	70 - 130
o-Xylene	0.100	0.09869		mg/Kg		99	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	81		70 - 130				
1,4-Difluorobenzene (Surr)	89		70 - 130				

Lab Sample ID: LCSD 880-36503/2-A

Matrix: Solid

Analysis Batch: 36501

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36503

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09842		mg/Kg		98	70 - 130	1	35
Toluene	0.100	0.1025		mg/Kg		102	70 - 130	1	35
Ethylbenzene	0.100	0.1023		mg/Kg		102	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2094		mg/Kg		105	70 - 130	5	35
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130	9	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	91		70 - 130						
1,4-Difluorobenzene (Surr)	91		70 - 130						

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

Lab Sample ID: MB 880-36183/1-A

Matrix: Solid

Analysis Batch: 36220

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36183

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 09:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 09:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:50	10/06/22 09:50	1

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	10/05/22 13:50	10/06/22 09:50	1
o-Terphenyl	97		70 - 130	10/05/22 13:50	10/06/22 09:50	1

Lab Sample ID: LCS 880-36183/2-A

Matrix: Solid

Analysis Batch: 36220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36183

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	877.4		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1008		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	85		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: LCSD 880-36183/3-A

Matrix: Solid

Analysis Batch: 36220

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36183

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1019		mg/Kg		102	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	1238		mg/Kg		124	70 - 130	20	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-19966-1 MS

Matrix: Solid

Analysis Batch: 36220

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

Prep Type: Total/NA

Prep Batch: 36183

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	848.1		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	62.4		998	862.1		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 880-19966-1 MSD

Matrix: Solid

Analysis Batch: 36220

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

Prep Type: Total/NA

Prep Batch: 36183

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	862.9		mg/Kg		86	70 - 130	2	20

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-1 MSD

Matrix: Solid

Analysis Batch: 36220

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

Prep Type: Total/NA

Prep Batch: 36183

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	62.4		999	978.2		mg/Kg		92	70 - 130	13	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: MB 880-36185/1-A

Matrix: Solid

Analysis Batch: 36222

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36185

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 09:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 09:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 13:54	10/06/22 09:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	10/05/22 13:54	10/06/22 09:50	1
o-Terphenyl	95		70 - 130	10/05/22 13:54	10/06/22 09:50	1

Lab Sample ID: LCS 880-36185/2-A

Matrix: Solid

Analysis Batch: 36222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36185

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	801.9		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1040		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: LCSD 880-36185/3-A

Matrix: Solid

Analysis Batch: 36222

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36185

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	945.9		mg/Kg		95	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	835.3	*1	mg/Kg		84	70 - 130	22	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	95		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-21 MS

Matrix: Solid

Analysis Batch: 36222

Client Sample ID: S-2 (1.5')

Prep Type: Total/NA

Prep Batch: 36185

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	816.5		mg/Kg		80	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *1	998	873.9		mg/Kg		86	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	94		70 - 130						
o-Terphenyl	82		70 - 130						

Lab Sample ID: 880-19966-21 MSD

Matrix: Solid

Analysis Batch: 36222

Client Sample ID: S-2 (1.5')

Prep Type: Total/NA

Prep Batch: 36185

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	805.3		mg/Kg		79	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	999	858.6		mg/Kg		84	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	81		70 - 130								

Lab Sample ID: MB 880-36186/1-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 36186

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/05/22 14:06	10/05/22 20:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 14:06	10/05/22 20:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 14:06	10/05/22 20:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	6	S1-	70 - 130				10/05/22 14:06	10/05/22 20:28	1
o-Terphenyl	7	S1-	70 - 130				10/05/22 14:06	10/05/22 20:28	1

Lab Sample ID: LCS 880-36186/2-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36186

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	777.3		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	872.8		mg/Kg		87	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-36186/2-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 36186

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-36186/3-A

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 36186

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	841.3		mg/Kg		84	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	878.3		mg/Kg		88	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-19973-A-46-C MS

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 36186

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	926.9		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	818.6		mg/Kg		82	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	73		70 - 130

Lab Sample ID: 880-19973-A-46-D MSD

Matrix: Solid

Analysis Batch: 36113

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 36186

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1119		mg/Kg		110	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	975.0		mg/Kg		98	70 - 130	17	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	84		70 - 130
o-Terphenyl	85		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-36154/1-A

Matrix: Solid

Analysis Batch: 36309

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/06/22 23:52	1

Lab Sample ID: LCS 880-36154/2-A

Matrix: Solid

Analysis Batch: 36309

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.9		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-36154/3-A

Matrix: Solid

Analysis Batch: 36309

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	259.5		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-19966-41 MS

Matrix: Solid

Analysis Batch: 36309

Client Sample ID: H-10 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	59.3	F1	250	264.6	F1	mg/Kg		82	90 - 110

Lab Sample ID: 880-19966-41 MSD

Matrix: Solid

Analysis Batch: 36309

Client Sample ID: H-10 (0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	59.3	F1	250	256.2	F1	mg/Kg		79	90 - 110	3	20

Lab Sample ID: MB 880-36155/1-A

Matrix: Solid

Analysis Batch: 36327

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/06/22 22:00	1

Lab Sample ID: LCS 880-36155/2-A

Matrix: Solid

Analysis Batch: 36327

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.5		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-36155/3-A

Matrix: Solid

Analysis Batch: 36327

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	262.1		mg/Kg		105	90 - 110	4	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-19966-1 MS

Matrix: Solid

Analysis Batch: 36327

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	22700	F1	12600	43850	F1	mg/Kg		169	90 - 110		

Lab Sample ID: 880-19966-1 MSD

Matrix: Solid

Analysis Batch: 36327

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22700	F1	12600	40840	F1	mg/Kg		145	90 - 110	7	20

Lab Sample ID: 880-19966-11 MS

Matrix: Solid

Analysis Batch: 36327

Client Sample ID: T-4 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	460		250	728.1		mg/Kg		107	90 - 110		

Lab Sample ID: 880-19966-11 MSD

Matrix: Solid

Analysis Batch: 36327

Client Sample ID: T-4 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	460		250	694.8		mg/Kg		94	90 - 110	5	20

Lab Sample ID: MB 880-36158/1-A

Matrix: Solid

Analysis Batch: 36383

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/07/22 19:00	1

Lab Sample ID: LCS 880-36158/2-A

Matrix: Solid

Analysis Batch: 36383

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	258.0		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-36158/3-A

Matrix: Solid

Analysis Batch: 36383

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	254.4		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 880-19966-21 MS

Matrix: Solid

Analysis Batch: 36383

Client Sample ID: S-2 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	56.5		252	315.8		mg/Kg		103	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-19966-21 MSD												Client Sample ID: S-2 (1.5')	
Matrix: Solid												Prep Type: Soluble	
Analysis Batch: 36383													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	56.5		252	315.9		mg/Kg		103	90 - 110	0	20		

Lab Sample ID: 880-19966-31 MS												Client Sample ID: S-5 (2')	
Matrix: Solid												Prep Type: Soluble	
Analysis Batch: 36383													
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	88.3		252	358.3		mg/Kg		107	90 - 110				

Lab Sample ID: 880-19966-31 MSD												Client Sample ID: S-5 (2')	
Matrix: Solid												Prep Type: Soluble	
Analysis Batch: 36383													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	88.3		252	350.4		mg/Kg		104	90 - 110	2	20		

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 36288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-1	T-1 (0-1')	Total/NA	Solid	5035	
880-19966-2	T-1 (1.5')	Total/NA	Solid	5035	
880-19966-3	T-1 (2')	Total/NA	Solid	5035	
880-19966-4	T-2 (0-1')	Total/NA	Solid	5035	
880-19966-5	T-2 (1.5')	Total/NA	Solid	5035	
880-19966-6	T-2 (2')	Total/NA	Solid	5035	
880-19966-7	T-3 (0-1')	Total/NA	Solid	5035	
880-19966-8	T-3 (1.5')	Total/NA	Solid	5035	
880-19966-9	T-3 (2')	Total/NA	Solid	5035	
880-19966-10	T-4 (0-1')	Total/NA	Solid	5035	
880-19966-11	T-4 (1.5')	Total/NA	Solid	5035	
880-19966-12	T-4 (2')	Total/NA	Solid	5035	
880-19966-13	T-5 (0-1')	Total/NA	Solid	5035	
880-19966-14	T-5 (1.5')	Total/NA	Solid	5035	
880-19966-15	T-5 (2')	Total/NA	Solid	5035	
880-19966-16	T-5 (3')	Total/NA	Solid	5035	
880-19966-17	S-1 (0-1')	Total/NA	Solid	5035	
880-19966-19	S-1 (2')	Total/NA	Solid	5035	
880-19966-20	S-2 (0-1')	Total/NA	Solid	5035	
MB 880-36288/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36288/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36288/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19966-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-19966-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 36289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-21	S-2 (1.5')	Total/NA	Solid	5035	
880-19966-22	S-2 (2')	Total/NA	Solid	5035	
880-19966-23	S-3 (0-1')	Total/NA	Solid	5035	
880-19966-24	S-3 (1.5')	Total/NA	Solid	5035	
880-19966-25	S-3 (2')	Total/NA	Solid	5035	
880-19966-26	S-4 (0-1')	Total/NA	Solid	5035	
880-19966-27	S-4 (1.5')	Total/NA	Solid	5035	
880-19966-28	S-4 (2')	Total/NA	Solid	5035	
880-19966-29	S-5 (0-1')	Total/NA	Solid	5035	
880-19966-30	S-5 (1.5')	Total/NA	Solid	5035	
880-19966-31	S-5 (2')	Total/NA	Solid	5035	
880-19966-32	H-1 (0.5')	Total/NA	Solid	5035	
880-19966-33	H-2 (0.5')	Total/NA	Solid	5035	
880-19966-34	H-3 (0.5')	Total/NA	Solid	5035	
880-19966-35	H-4 (0.5')	Total/NA	Solid	5035	
880-19966-36	H-5 (0.5')	Total/NA	Solid	5035	
880-19966-37	H-6 (0.5')	Total/NA	Solid	5035	
880-19966-39	H-8 (0.5')	Total/NA	Solid	5035	
880-19966-40	H-9 (0.5')	Total/NA	Solid	5035	
MB 880-36289/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36289/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36289/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19966-21 MS	S-2 (1.5')	Total/NA	Solid	5035	
880-19966-21 MSD	S-2 (1.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 36293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-41	H-10 (0.5')	Total/NA	Solid	5035	
880-19966-42	H-11 (0.5')	Total/NA	Solid	5035	
880-19966-43	H-12 (0.5')	Total/NA	Solid	5035	
880-19966-44	H-13 (0.5')	Total/NA	Solid	5035	
MB 880-36293/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36293/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36293/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19966-41 MS	H-10 (0.5')	Total/NA	Solid	5035	
880-19966-41 MSD	H-10 (0.5')	Total/NA	Solid	5035	

Prep Batch: 36328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36328/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 36341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-1	T-1 (0-1')	Total/NA	Solid	8021B	36288
880-19966-2	T-1 (1.5')	Total/NA	Solid	8021B	36288
880-19966-3	T-1 (2')	Total/NA	Solid	8021B	36288
880-19966-4	T-2 (0-1')	Total/NA	Solid	8021B	36288
880-19966-5	T-2 (1.5')	Total/NA	Solid	8021B	36288
880-19966-6	T-2 (2')	Total/NA	Solid	8021B	36288
880-19966-7	T-3 (0-1')	Total/NA	Solid	8021B	36288
880-19966-8	T-3 (1.5')	Total/NA	Solid	8021B	36288
880-19966-9	T-3 (2')	Total/NA	Solid	8021B	36288
880-19966-10	T-4 (0-1')	Total/NA	Solid	8021B	36288
880-19966-11	T-4 (1.5')	Total/NA	Solid	8021B	36288
880-19966-12	T-4 (2')	Total/NA	Solid	8021B	36288
880-19966-13	T-5 (0-1')	Total/NA	Solid	8021B	36288
880-19966-14	T-5 (1.5')	Total/NA	Solid	8021B	36288
880-19966-15	T-5 (2')	Total/NA	Solid	8021B	36288
880-19966-16	T-5 (3')	Total/NA	Solid	8021B	36288
880-19966-17	S-1 (0-1')	Total/NA	Solid	8021B	36288
880-19966-19	S-1 (2')	Total/NA	Solid	8021B	36288
880-19966-20	S-2 (0-1')	Total/NA	Solid	8021B	36288
MB 880-36288/5-A	Method Blank	Total/NA	Solid	8021B	36288
MB 880-36328/5-A	Method Blank	Total/NA	Solid	8021B	36328
LCS 880-36288/1-A	Lab Control Sample	Total/NA	Solid	8021B	36288
LCSD 880-36288/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36288
880-19966-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	36288
880-19966-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	36288

Analysis Batch: 36440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-19966-4	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-5	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-6	T-2 (2')	Total/NA	Solid	Total BTEX	
880-19966-7	T-3 (0-1')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 36440 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-8	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-9	T-3 (2')	Total/NA	Solid	Total BTEX	
880-19966-10	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-11	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-12	T-4 (2')	Total/NA	Solid	Total BTEX	
880-19966-13	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-14	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-15	T-5 (2')	Total/NA	Solid	Total BTEX	
880-19966-16	T-5 (3')	Total/NA	Solid	Total BTEX	
880-19966-17	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-18	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-19	S-1 (2')	Total/NA	Solid	Total BTEX	
880-19966-20	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-21	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-22	S-2 (2')	Total/NA	Solid	Total BTEX	
880-19966-23	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-24	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-25	S-3 (2')	Total/NA	Solid	Total BTEX	
880-19966-26	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-27	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-28	S-4 (2')	Total/NA	Solid	Total BTEX	
880-19966-29	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-19966-30	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-19966-31	S-5 (2')	Total/NA	Solid	Total BTEX	
880-19966-32	H-1 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-33	H-2 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-34	H-3 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-35	H-4 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-36	H-5 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-37	H-6 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-38	H-7 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-39	H-8 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-40	H-9 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-41	H-10 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-42	H-11 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-43	H-12 (0.5')	Total/NA	Solid	Total BTEX	
880-19966-44	H-13 (0.5')	Total/NA	Solid	Total BTEX	

Analysis Batch: 36441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-21	S-2 (1.5')	Total/NA	Solid	8021B	36289
880-19966-22	S-2 (2')	Total/NA	Solid	8021B	36289
880-19966-23	S-3 (0-1')	Total/NA	Solid	8021B	36289
880-19966-24	S-3 (1.5')	Total/NA	Solid	8021B	36289
880-19966-25	S-3 (2')	Total/NA	Solid	8021B	36289
880-19966-26	S-4 (0-1')	Total/NA	Solid	8021B	36289
880-19966-27	S-4 (1.5')	Total/NA	Solid	8021B	36289
880-19966-28	S-4 (2')	Total/NA	Solid	8021B	36289
880-19966-29	S-5 (0-1')	Total/NA	Solid	8021B	36289
880-19966-30	S-5 (1.5')	Total/NA	Solid	8021B	36289
880-19966-31	S-5 (2')	Total/NA	Solid	8021B	36289

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 36441 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-32	H-1 (0.5')	Total/NA	Solid	8021B	36289
880-19966-33	H-2 (0.5')	Total/NA	Solid	8021B	36289
880-19966-34	H-3 (0.5')	Total/NA	Solid	8021B	36289
880-19966-35	H-4 (0.5')	Total/NA	Solid	8021B	36289
880-19966-36	H-5 (0.5')	Total/NA	Solid	8021B	36289
880-19966-37	H-6 (0.5')	Total/NA	Solid	8021B	36289
880-19966-39	H-8 (0.5')	Total/NA	Solid	8021B	36289
880-19966-40	H-9 (0.5')	Total/NA	Solid	8021B	36289
MB 880-36289/5-A	Method Blank	Total/NA	Solid	8021B	36289
LCS 880-36289/1-A	Lab Control Sample	Total/NA	Solid	8021B	36289
LCSD 880-36289/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36289
880-19966-21 MS	S-2 (1.5')	Total/NA	Solid	8021B	36289
880-19966-21 MSD	S-2 (1.5')	Total/NA	Solid	8021B	36289

Analysis Batch: 36442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-41	H-10 (0.5')	Total/NA	Solid	8021B	36293
880-19966-42	H-11 (0.5')	Total/NA	Solid	8021B	36293
880-19966-43	H-12 (0.5')	Total/NA	Solid	8021B	36293
880-19966-44	H-13 (0.5')	Total/NA	Solid	8021B	36293
MB 880-36293/5-A	Method Blank	Total/NA	Solid	8021B	36293
LCS 880-36293/1-A	Lab Control Sample	Total/NA	Solid	8021B	36293
LCSD 880-36293/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36293
880-19966-41 MS	H-10 (0.5')	Total/NA	Solid	8021B	36293
880-19966-41 MSD	H-10 (0.5')	Total/NA	Solid	8021B	36293

Prep Batch: 36445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-18	S-1 (1.5')	Total/NA	Solid	5035	
MB 880-36445/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36445/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36445/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-20083-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-20083-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 36453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-18	S-1 (1.5')	Total/NA	Solid	8021B	36445
MB 880-36445/5-A	Method Blank	Total/NA	Solid	8021B	36445
LCS 880-36445/1-A	Lab Control Sample	Total/NA	Solid	8021B	36445
LCSD 880-36445/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36445
880-20083-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	36445
880-20083-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	36445

Analysis Batch: 36501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-38	H-7 (0.5')	Total/NA	Solid	8021B	36503
MB 880-36503/5-A	Method Blank	Total/NA	Solid	8021B	36503
LCS 880-36503/1-A	Lab Control Sample	Total/NA	Solid	8021B	36503
LCSD 880-36503/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36503
840-1415-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 36501 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
840-1415-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	

Prep Batch: 36503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-38	H-7 (0.5')	Total/NA	Solid	5035	
MB 880-36503/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36503/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36503/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 36113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-41	H-10 (0.5')	Total/NA	Solid	8015B NM	36186
880-19966-42	H-11 (0.5')	Total/NA	Solid	8015B NM	36186
880-19966-43	H-12 (0.5')	Total/NA	Solid	8015B NM	36186
880-19966-44	H-13 (0.5')	Total/NA	Solid	8015B NM	36186
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015B NM	36186
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36186
LCSD 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36186
880-19973-A-46-C MS	Matrix Spike	Total/NA	Solid	8015B NM	36186
880-19973-A-46-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	36186

Prep Batch: 36183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-19966-4	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-5	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-6	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-19966-7	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-8	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-9	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-19966-10	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-11	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-12	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-19966-13	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-14	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-15	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-19966-16	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-19966-17	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-18	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-19	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-19966-20	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-36183/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36183/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36183/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19966-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 36185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-21	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-22	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-19966-23	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-24	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-25	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-19966-26	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-27	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-28	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-19966-29	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-19966-30	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-31	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-19966-32	H-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-33	H-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-34	H-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-35	H-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-36	H-5 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-37	H-6 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-38	H-7 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-39	H-8 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-40	H-9 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-36185/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36185/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36185/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19966-21 MS	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-19966-21 MSD	S-2 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 36186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-41	H-10 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-42	H-11 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-43	H-12 (0.5')	Total/NA	Solid	8015NM Prep	
880-19966-44	H-13 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19973-A-46-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-19973-A-46-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 36220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-1	T-1 (0-1')	Total/NA	Solid	8015B NM	36183
880-19966-2	T-1 (1.5')	Total/NA	Solid	8015B NM	36183
880-19966-3	T-1 (2')	Total/NA	Solid	8015B NM	36183
880-19966-4	T-2 (0-1')	Total/NA	Solid	8015B NM	36183
880-19966-5	T-2 (1.5')	Total/NA	Solid	8015B NM	36183
880-19966-6	T-2 (2')	Total/NA	Solid	8015B NM	36183
880-19966-7	T-3 (0-1')	Total/NA	Solid	8015B NM	36183
880-19966-8	T-3 (1.5')	Total/NA	Solid	8015B NM	36183
880-19966-9	T-3 (2')	Total/NA	Solid	8015B NM	36183
880-19966-10	T-4 (0-1')	Total/NA	Solid	8015B NM	36183
880-19966-11	T-4 (1.5')	Total/NA	Solid	8015B NM	36183

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 36220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-12	T-4 (2')	Total/NA	Solid	8015B NM	36183
880-19966-13	T-5 (0-1')	Total/NA	Solid	8015B NM	36183
880-19966-14	T-5 (1.5')	Total/NA	Solid	8015B NM	36183
880-19966-15	T-5 (2')	Total/NA	Solid	8015B NM	36183
880-19966-16	T-5 (3')	Total/NA	Solid	8015B NM	36183
880-19966-17	S-1 (0-1')	Total/NA	Solid	8015B NM	36183
880-19966-18	S-1 (1.5')	Total/NA	Solid	8015B NM	36183
880-19966-19	S-1 (2')	Total/NA	Solid	8015B NM	36183
880-19966-20	S-2 (0-1')	Total/NA	Solid	8015B NM	36183
MB 880-36183/1-A	Method Blank	Total/NA	Solid	8015B NM	36183
LCS 880-36183/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36183
LCSD 880-36183/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36183
880-19966-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	36183
880-19966-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	36183

Analysis Batch: 36222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-21	S-2 (1.5')	Total/NA	Solid	8015B NM	36185
880-19966-22	S-2 (2')	Total/NA	Solid	8015B NM	36185
880-19966-23	S-3 (0-1')	Total/NA	Solid	8015B NM	36185
880-19966-24	S-3 (1.5')	Total/NA	Solid	8015B NM	36185
880-19966-25	S-3 (2')	Total/NA	Solid	8015B NM	36185
880-19966-26	S-4 (0-1')	Total/NA	Solid	8015B NM	36185
880-19966-27	S-4 (1.5')	Total/NA	Solid	8015B NM	36185
880-19966-28	S-4 (2')	Total/NA	Solid	8015B NM	36185
880-19966-29	S-5 (0-1')	Total/NA	Solid	8015B NM	36185
880-19966-30	S-5 (1.5')	Total/NA	Solid	8015B NM	36185
880-19966-31	S-5 (2')	Total/NA	Solid	8015B NM	36185
880-19966-32	H-1 (0.5')	Total/NA	Solid	8015B NM	36185
880-19966-33	H-2 (0.5')	Total/NA	Solid	8015B NM	36185
880-19966-34	H-3 (0.5')	Total/NA	Solid	8015B NM	36185
880-19966-35	H-4 (0.5')	Total/NA	Solid	8015B NM	36185
880-19966-36	H-5 (0.5')	Total/NA	Solid	8015B NM	36185
880-19966-37	H-6 (0.5')	Total/NA	Solid	8015B NM	36185
880-19966-38	H-7 (0.5')	Total/NA	Solid	8015B NM	36185
880-19966-39	H-8 (0.5')	Total/NA	Solid	8015B NM	36185
880-19966-40	H-9 (0.5')	Total/NA	Solid	8015B NM	36185
MB 880-36185/1-A	Method Blank	Total/NA	Solid	8015B NM	36185
LCS 880-36185/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36185
LCSD 880-36185/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36185
880-19966-21 MS	S-2 (1.5')	Total/NA	Solid	8015B NM	36185
880-19966-21 MSD	S-2 (1.5')	Total/NA	Solid	8015B NM	36185

Analysis Batch: 36260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-19966-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-19966-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-19966-4	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-19966-5	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-19966-6	T-2 (2')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 36260 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-7	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-19966-8	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-19966-9	T-3 (2')	Total/NA	Solid	8015 NM	
880-19966-10	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-19966-11	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-19966-12	T-4 (2')	Total/NA	Solid	8015 NM	
880-19966-13	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-19966-14	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-19966-15	T-5 (2')	Total/NA	Solid	8015 NM	
880-19966-16	T-5 (3')	Total/NA	Solid	8015 NM	
880-19966-17	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-19966-18	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-19966-19	S-1 (2')	Total/NA	Solid	8015 NM	
880-19966-20	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-19966-21	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-19966-22	S-2 (2')	Total/NA	Solid	8015 NM	
880-19966-23	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-19966-24	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-19966-25	S-3 (2')	Total/NA	Solid	8015 NM	
880-19966-26	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-19966-27	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-19966-28	S-4 (2')	Total/NA	Solid	8015 NM	
880-19966-29	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-19966-30	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-19966-31	S-5 (2')	Total/NA	Solid	8015 NM	
880-19966-32	H-1 (0.5')	Total/NA	Solid	8015 NM	
880-19966-33	H-2 (0.5')	Total/NA	Solid	8015 NM	
880-19966-34	H-3 (0.5')	Total/NA	Solid	8015 NM	
880-19966-35	H-4 (0.5')	Total/NA	Solid	8015 NM	
880-19966-36	H-5 (0.5')	Total/NA	Solid	8015 NM	
880-19966-37	H-6 (0.5')	Total/NA	Solid	8015 NM	
880-19966-38	H-7 (0.5')	Total/NA	Solid	8015 NM	
880-19966-39	H-8 (0.5')	Total/NA	Solid	8015 NM	
880-19966-40	H-9 (0.5')	Total/NA	Solid	8015 NM	
880-19966-41	H-10 (0.5')	Total/NA	Solid	8015 NM	
880-19966-42	H-11 (0.5')	Total/NA	Solid	8015 NM	
880-19966-43	H-12 (0.5')	Total/NA	Solid	8015 NM	
880-19966-44	H-13 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 36154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-41	H-10 (0.5')	Soluble	Solid	DI Leach	
880-19966-42	H-11 (0.5')	Soluble	Solid	DI Leach	
880-19966-43	H-12 (0.5')	Soluble	Solid	DI Leach	
880-19966-44	H-13 (0.5')	Soluble	Solid	DI Leach	
MB 880-36154/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36154/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36154/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19966-41 MS	H-10 (0.5')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 36154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-41 MSD	H-10 (0.5')	Soluble	Solid	DI Leach	

Leach Batch: 36155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-19966-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-19966-3	T-1 (2')	Soluble	Solid	DI Leach	
880-19966-4	T-2 (0-1')	Soluble	Solid	DI Leach	
880-19966-5	T-2 (1.5')	Soluble	Solid	DI Leach	
880-19966-6	T-2 (2')	Soluble	Solid	DI Leach	
880-19966-7	T-3 (0-1')	Soluble	Solid	DI Leach	
880-19966-8	T-3 (1.5')	Soluble	Solid	DI Leach	
880-19966-9	T-3 (2')	Soluble	Solid	DI Leach	
880-19966-10	T-4 (0-1')	Soluble	Solid	DI Leach	
880-19966-11	T-4 (1.5')	Soluble	Solid	DI Leach	
880-19966-12	T-4 (2')	Soluble	Solid	DI Leach	
880-19966-13	T-5 (0-1')	Soluble	Solid	DI Leach	
880-19966-14	T-5 (1.5')	Soluble	Solid	DI Leach	
880-19966-15	T-5 (2')	Soluble	Solid	DI Leach	
880-19966-16	T-5 (3')	Soluble	Solid	DI Leach	
880-19966-17	S-1 (0-1')	Soluble	Solid	DI Leach	
880-19966-18	S-1 (1.5')	Soluble	Solid	DI Leach	
880-19966-19	S-1 (2')	Soluble	Solid	DI Leach	
880-19966-20	S-2 (0-1')	Soluble	Solid	DI Leach	
MB 880-36155/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36155/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36155/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19966-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-19966-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-19966-11 MS	T-4 (1.5')	Soluble	Solid	DI Leach	
880-19966-11 MSD	T-4 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 36158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-21	S-2 (1.5')	Soluble	Solid	DI Leach	
880-19966-22	S-2 (2')	Soluble	Solid	DI Leach	
880-19966-23	S-3 (0-1')	Soluble	Solid	DI Leach	
880-19966-24	S-3 (1.5')	Soluble	Solid	DI Leach	
880-19966-25	S-3 (2')	Soluble	Solid	DI Leach	
880-19966-26	S-4 (0-1')	Soluble	Solid	DI Leach	
880-19966-27	S-4 (1.5')	Soluble	Solid	DI Leach	
880-19966-28	S-4 (2')	Soluble	Solid	DI Leach	
880-19966-29	S-5 (0-1')	Soluble	Solid	DI Leach	
880-19966-30	S-5 (1.5')	Soluble	Solid	DI Leach	
880-19966-31	S-5 (2')	Soluble	Solid	DI Leach	
880-19966-32	H-1 (0.5')	Soluble	Solid	DI Leach	
880-19966-33	H-2 (0.5')	Soluble	Solid	DI Leach	
880-19966-34	H-3 (0.5')	Soluble	Solid	DI Leach	
880-19966-35	H-4 (0.5')	Soluble	Solid	DI Leach	
880-19966-36	H-5 (0.5')	Soluble	Solid	DI Leach	
880-19966-37	H-6 (0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 36158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-38	H-7 (0.5')	Soluble	Solid	DI Leach	
880-19966-39	H-8 (0.5')	Soluble	Solid	DI Leach	
880-19966-40	H-9 (0.5')	Soluble	Solid	DI Leach	
MB 880-36158/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36158/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36158/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19966-21 MS	S-2 (1.5')	Soluble	Solid	DI Leach	
880-19966-21 MSD	S-2 (1.5')	Soluble	Solid	DI Leach	
880-19966-31 MS	S-5 (2')	Soluble	Solid	DI Leach	
880-19966-31 MSD	S-5 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 36309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-41	H-10 (0.5')	Soluble	Solid	300.0	36154
880-19966-42	H-11 (0.5')	Soluble	Solid	300.0	36154
880-19966-43	H-12 (0.5')	Soluble	Solid	300.0	36154
880-19966-44	H-13 (0.5')	Soluble	Solid	300.0	36154
MB 880-36154/1-A	Method Blank	Soluble	Solid	300.0	36154
LCS 880-36154/2-A	Lab Control Sample	Soluble	Solid	300.0	36154
LCSD 880-36154/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36154
880-19966-41 MS	H-10 (0.5')	Soluble	Solid	300.0	36154
880-19966-41 MSD	H-10 (0.5')	Soluble	Solid	300.0	36154

Analysis Batch: 36327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-1	T-1 (0-1')	Soluble	Solid	300.0	36155
880-19966-2	T-1 (1.5')	Soluble	Solid	300.0	36155
880-19966-3	T-1 (2')	Soluble	Solid	300.0	36155
880-19966-4	T-2 (0-1')	Soluble	Solid	300.0	36155
880-19966-5	T-2 (1.5')	Soluble	Solid	300.0	36155
880-19966-6	T-2 (2')	Soluble	Solid	300.0	36155
880-19966-7	T-3 (0-1')	Soluble	Solid	300.0	36155
880-19966-8	T-3 (1.5')	Soluble	Solid	300.0	36155
880-19966-9	T-3 (2')	Soluble	Solid	300.0	36155
880-19966-10	T-4 (0-1')	Soluble	Solid	300.0	36155
880-19966-11	T-4 (1.5')	Soluble	Solid	300.0	36155
880-19966-12	T-4 (2')	Soluble	Solid	300.0	36155
880-19966-13	T-5 (0-1')	Soluble	Solid	300.0	36155
880-19966-14	T-5 (1.5')	Soluble	Solid	300.0	36155
880-19966-15	T-5 (2')	Soluble	Solid	300.0	36155
880-19966-16	T-5 (3')	Soluble	Solid	300.0	36155
880-19966-17	S-1 (0-1')	Soluble	Solid	300.0	36155
880-19966-18	S-1 (1.5')	Soluble	Solid	300.0	36155
880-19966-19	S-1 (2')	Soluble	Solid	300.0	36155
880-19966-20	S-2 (0-1')	Soluble	Solid	300.0	36155
MB 880-36155/1-A	Method Blank	Soluble	Solid	300.0	36155
LCS 880-36155/2-A	Lab Control Sample	Soluble	Solid	300.0	36155
LCSD 880-36155/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36155
880-19966-1 MS	T-1 (0-1')	Soluble	Solid	300.0	36155
880-19966-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	36155
880-19966-11 MS	T-4 (1.5')	Soluble	Solid	300.0	36155

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 36327 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-11 MSD	T-4 (1.5')	Soluble	Solid	300.0	36155

Analysis Batch: 36383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19966-21	S-2 (1.5')	Soluble	Solid	300.0	36158
880-19966-22	S-2 (2')	Soluble	Solid	300.0	36158
880-19966-23	S-3 (0-1')	Soluble	Solid	300.0	36158
880-19966-24	S-3 (1.5')	Soluble	Solid	300.0	36158
880-19966-25	S-3 (2')	Soluble	Solid	300.0	36158
880-19966-26	S-4 (0-1')	Soluble	Solid	300.0	36158
880-19966-27	S-4 (1.5')	Soluble	Solid	300.0	36158
880-19966-28	S-4 (2')	Soluble	Solid	300.0	36158
880-19966-29	S-5 (0-1')	Soluble	Solid	300.0	36158
880-19966-30	S-5 (1.5')	Soluble	Solid	300.0	36158
880-19966-31	S-5 (2')	Soluble	Solid	300.0	36158
880-19966-32	H-1 (0.5')	Soluble	Solid	300.0	36158
880-19966-33	H-2 (0.5')	Soluble	Solid	300.0	36158
880-19966-34	H-3 (0.5')	Soluble	Solid	300.0	36158
880-19966-35	H-4 (0.5')	Soluble	Solid	300.0	36158
880-19966-36	H-5 (0.5')	Soluble	Solid	300.0	36158
880-19966-37	H-6 (0.5')	Soluble	Solid	300.0	36158
880-19966-38	H-7 (0.5')	Soluble	Solid	300.0	36158
880-19966-39	H-8 (0.5')	Soluble	Solid	300.0	36158
880-19966-40	H-9 (0.5')	Soluble	Solid	300.0	36158
MB 880-36158/1-A	Method Blank	Soluble	Solid	300.0	36158
LCS 880-36158/2-A	Lab Control Sample	Soluble	Solid	300.0	36158
LCSD 880-36158/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36158
880-19966-21 MS	S-2 (1.5')	Soluble	Solid	300.0	36158
880-19966-21 MSD	S-2 (1.5')	Soluble	Solid	300.0	36158
880-19966-31 MS	S-5 (2')	Soluble	Solid	300.0	36158
880-19966-31 MSD	S-5 (2')	Soluble	Solid	300.0	36158

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-1

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 10:54	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		50			36327	10/06/22 22:18	CH	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-19966-2

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 11:59	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		5			36327	10/06/22 22:35	CH	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-19966-3

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 12:21	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/06/22 22:41	CH	EET MID

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

Lab Sample ID: 880-19966-4

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-4

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 12:42	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		10			36327	10/06/22 22:47	CH	EET MID

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-19966-5

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 02:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 13:04	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/06/22 22:53	CH	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-19966-6

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 02:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 13:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/06/22 23:10	CH	EET MID

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

Lab Sample ID: 880-19966-7

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 02:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 13:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-19966-7

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		5			36327	10/06/22 23:16	CH	EET MID

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-19966-8

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 14:09	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		5			36327	10/06/22 23:22	CH	EET MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-19966-9

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 03:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 14:30	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/06/22 23:28	CH	EET MID

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

Lab Sample ID: 880-19966-10

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 03:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 14:52	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		10			36327	10/06/22 23:33	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 15:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/06/22 23:39	CH	EET MID

Client Sample ID: T-4 (2')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 06:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 15:56	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/06/22 23:57	CH	EET MID

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

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 06:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 16:17	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/07/22 00:03	CH	EET MID

Client Sample ID: T-5 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-19966-14

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 16:39	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/07/22 00:20	CH	EET MID

Client Sample ID: T-5 (2')

Lab Sample ID: 880-19966-15

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 07:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 17:00	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/07/22 00:26	CH	EET MID

Client Sample ID: T-5 (3')

Lab Sample ID: 880-19966-16

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 17:22	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/07/22 00:32	CH	EET MID

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-19966-17

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 17:43	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-1')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/07/22 00:38	CH	EET MID

Client Sample ID: S-1 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36445	10/08/22 11:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36453	10/09/22 02:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 18:04	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/07/22 00:43	CH	EET MID

Client Sample ID: S-1 (2')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 08:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 18:26	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/07/22 00:49	CH	EET MID

Client Sample ID: S-2 (0-1')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36288	10/06/22 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 08:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36183	10/05/22 13:50	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36220	10/06/22 18:47	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36155	10/05/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			36327	10/07/22 00:55	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 14:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 10:54	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 19:23	CH	EET MID

Client Sample ID: S-2 (2')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 15:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 11:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 19:46	CH	EET MID

Client Sample ID: S-3 (0-1')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 15:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 12:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 19:54	CH	EET MID

Client Sample ID: S-3 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 16:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 12:42	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 20:02	CH	EET MID

Client Sample ID: S-3 (2')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 16:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 13:04	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 20:09	CH	EET MID

Client Sample ID: S-4 (0-1')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 17:12	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 13:25	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 20:33	CH	EET MID

Client Sample ID: S-4 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 17:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 13:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-4 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 20:40	CH	EET MID

Client Sample ID: S-4 (2')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 18:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 20:48	CH	EET MID

Client Sample ID: S-5 (0-1')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 18:33	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 14:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 20:56	CH	EET MID

Client Sample ID: S-5 (1.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 18:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 14:52	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 21:03	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: S-5 (2')

Lab Sample ID: 880-19966-31

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 20:46	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 15:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 21:11	CH	EET MID

Client Sample ID: H-1 (0.5')

Lab Sample ID: 880-19966-32

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 21:13	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 15:56	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 21:34	CH	EET MID

Client Sample ID: H-2 (0.5')

Lab Sample ID: 880-19966-33

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 21:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 16:17	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 21:42	CH	EET MID

Client Sample ID: H-3 (0.5')

Lab Sample ID: 880-19966-34

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 22:06	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-3 (0.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 16:39	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 22:05	CH	EET MID

Client Sample ID: H-4 (0.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 22:33	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 17:00	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 22:13	CH	EET MID

Client Sample ID: H-5 (0.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 22:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 17:22	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 22:20	CH	EET MID

Client Sample ID: H-6 (0.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/08/22 23:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 17:43	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-6 (0.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 22:28	CH	EET MID

Client Sample ID: H-7 (0.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-38

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	36503	10/10/22 08:35	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36501	10/10/22 11:38	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 18:04	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 22:36	CH	EET MID

Client Sample ID: H-8 (0.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 00:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 18:26	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 22:44	CH	EET MID

Client Sample ID: H-9 (0.5')

Date Collected: 10/04/22 00:00

Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36289	10/06/22 15:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 00:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36185	10/05/22 13:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36222	10/06/22 18:47	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36158	10/05/22 10:43	KS	EET MID
Soluble	Analysis	300.0		1			36383	10/07/22 22:51	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-10 (0.5')

Lab Sample ID: 880-19966-41

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	36293	10/06/22 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36442	10/08/22 16:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 01:11	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36154	10/05/22 10:31	KS	EET MID
Soluble	Analysis	300.0		1			36309	10/07/22 02:04	CH	EET MID

Client Sample ID: H-11 (0.5')

Lab Sample ID: 880-19966-42

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	36293	10/06/22 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36442	10/08/22 16:30	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 01:31	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36154	10/05/22 10:31	KS	EET MID
Soluble	Analysis	300.0		1			36309	10/07/22 02:27	CH	EET MID

Client Sample ID: H-12 (0.5')

Lab Sample ID: 880-19966-43

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36293	10/06/22 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36442	10/08/22 16:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 01:53	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36154	10/05/22 10:31	KS	EET MID
Soluble	Analysis	300.0		1			36309	10/07/22 02:34	CH	EET MID

Client Sample ID: H-13 (0.5')

Lab Sample ID: 880-19966-44

Date Collected: 10/04/22 00:00

Matrix: Solid

Date Received: 10/05/22 08:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36293	10/06/22 15:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36442	10/08/22 17:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36440	10/08/22 09:16	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Client Sample ID: H-13 (0.5')
Date Collected: 10/04/22 00:00
Date Received: 10/05/22 08:10

Lab Sample ID: 880-19966-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			36260	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 02:14	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36154	10/05/22 10:31	KS	EET MID
Soluble	Analysis	300.0		1			36309	10/07/22 02:58	CH	EET MID

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

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: West Fez Frac Pond (08.17.22)

Job ID: 880-19966-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19966-1	T-1 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-2	T-1 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-3	T-1 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-4	T-2 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-5	T-2 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-6	T-2 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-7	T-3 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-8	T-3 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-9	T-3 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-10	T-4 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-11	T-4 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-12	T-4 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-13	T-5 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-14	T-5 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-15	T-5 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-16	T-5 (3')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-17	S-1 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-18	S-1 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-19	S-1 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-20	S-2 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-21	S-2 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-22	S-2 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-23	S-3 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-24	S-3 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-25	S-3 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-26	S-4 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-27	S-4 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-28	S-4 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-29	S-5 (0-1')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-30	S-5 (1.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-31	S-5 (2')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-32	H-1 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-33	H-2 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-34	H-3 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-35	H-4 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-36	H-5 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-37	H-6 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-38	H-7 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-39	H-8 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-40	H-9 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-41	H-10 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-42	H-11 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-43	H-12 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10
880-19966-44	H-13 (0.5')	Solid	10/04/22 00:00	10/05/22 08:10

Work Order No: 19964

Page 1 of 5

Project Manager	Conner Moehring	Bill to (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	

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

Project Name	West Fez Frac Pond (08 17 22)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	1137															None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico	Due Date														Cool Cool	MeOH Me
Sampler's Name	CRM															HCL, HC	HNO ₃ HN
PO #																H ₂ SO ₄ , H ₂	NaOH Na
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Parameters										H ₃ PO ₄ , HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID				BTEX 8021B										NaHSO ₄ , NABIS	
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor				TPH 8015M (GRO + DRO + MRO)										Na ₂ S ₂ O ₃ , NaSO ₃	
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading				Chloride 300.0										Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature:														NaOH+Ascorbic Acid SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
T-1 (0-1')	10/4/2022		X		G	1	X	X	X	X							
T-1 (1-5')	10/4/2022		X		G	1	X	X	X	X							
T-1 (2')	10/4/2022		X		G	1	X	X	X	X							
T-2 (0-1')	10/4/2022		X		G	1	X	X	X	X							
T-2 (1-5')	10/4/2022		X		G	1	X	X	X	X							
T-2 (2')	10/4/2022		X		G	1	X	X	X	X							
T-3 (0-1')	10/4/2022		X		G	1	X	X	X	X							
T-3 (1-5')	10/4/2022		X		G	1	X	X	X	X							
T-3 (2')	10/4/2022		X		G	1	X	X	X	X							
T-4 (0-1')	10/4/2022		X		G	1	X	X	X	X							



880-19966 Chain of Custody

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	10/5/22	<i>Paul J. [Signature]</i>	10/5/22

Work Order No: 19966

Project Manager	Conner Moehring	Bill to (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	

Project Name	West Fez Frac Pond (08 17 22)	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	1137	☐ Routine ☒ Rush															None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico	Due Date															Cool Cool	MeOH Me
Sampler's Name	CRM	72 Hours															HCL. HC	HNO ₃ HN
PO #:																	H ₂ SO ₄ H ₂	NaOH Na

SAMPLE RECEIPT			Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Parameters											
Received Intact	Yes ☒ No ☐	Thermometer ID					BTEX 8021B											
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor					TPH 8015M (GRO + DRO + MRO)											
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading					Chloride 300.0											
Total Containers		Corrected Temperature																

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST												Sample Comments
T-4 (1 5)	10/4/2022		X		G	1	X	X	X										
T-4 (2)	10/4/2022		X		G	1	X	X	X										
T-5 (0-1')	10/4/2022		X		G	1	X	X	X										
T-5 (1 5)	10/4/2022		X		G	1	X	X	X										
T-5 (2)	10/4/2022		X		G	1	X	X	X										
T-5 (3)	10/4/2022		X		G	1	X	X	X										
S-1 (0-1')	10/4/2022		X		G	1	X	X	X										
S-1 (1 5)	10/4/2022		X		G	1	X	X	X										
S-1 (2)	10/4/2022		X		G	1	X	X	X										
S-2 (0-1')	10/4/2022		X		G	1	X	X	X										

Comments:

Relinquished by (Signature)

10/5/22

Received by (Signature)

10/5/22

Work Order No: 19966

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Project Manager	Conner Moehring	Bill to (if different)	Camrona Resources
Company Name	Camrona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	

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

Project Name	West Fez Frac Pond (08 17 22)	Turn Around	☐ Routine ☒ Rush	Press. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1137	Due Date															None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico																Cool Cool	MeOH Me
Sampler's Name	CRM																HCL HC	HNO ₃ HN
PO #																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP	
Received Intact:	Yes No	Thermometer ID															NaHSO ₄ NABIS	
Cooler Custody Seals	Yes No	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes No	Temperature Reading															Zn Acetate+NaOH Zn	
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
S-2 (1.5')	10/4/2022		X		G	1	BTX 8021B												
S-2 (2')	10/4/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)												
S-3 (0-1')	10/4/2022		X		G	1	Chloride 300.0												
S-3 (1.5')	10/4/2022		X		G	1													
S-3 (2')	10/4/2022		X		G	1													
S-4 (0-1')	10/4/2022		X		G	1													
S-4 (1.5')	10/4/2022		X		G	1													
S-4 (2')	10/4/2022		X		G	1													
S-5 (0-1')	10/4/2022		X		G	1													
S-5 (1.5')	10/4/2022		X		G	1													

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	10/3/22	<i>Robert</i>	10/5/22

Work Order No: 19966

Page 4 of 5

Project Manager	Conner Moehring	Bill to (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 415	Address:	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone:	(432) 813-6823	Email	

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

Project Name	West Fez Frac Pond (08 17 22)	Turn Around	☐ Routine ☒ Rush	Press. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1137	Due Date	72 Hours														None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico																Cool Cool	MeOH Me
Sampler's Name	CRM																HCL HC	HNO ₃ HN
PO #:																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Parameters												H ₃ PO ₄ HP	
Received Intact:	Yes ☒ No ☐	Thermometer ID			BTEX 8021B												NaHSO ₄ NABIS	
Cooler Custody Seals	Yes ☒ No ☐	Correction Factor			TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes ☒ No ☐	Temperature Reading			Chloride 300.0												Zn Acetate+NaOH Zn	
Total Containers:		Corrected Temperature															NaOH+Ascorbic Acid SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Sample Comments											
S-5 (2')	10/4/2022		X		G	1	X	X	X	X								
H-1 (0.5')	10/4/2022		X		G	1	X	X	X	X								
H-2 (0.5')	10/4/2022		X		G	1	X	X	X	X								
H-3 (0.5')	10/4/2022		X		G	1	X	X	X	X								
H-4 (0.5')	10/4/2022		X		G	1	X	X	X	X								
H-5 (0.5')	10/4/2022		X		G	1	X	X	X	X								
H-6 (0.5')	10/4/2022		X		G	1	X	X	X	X								
H-7 (0.5')	10/4/2022		X		G	1	X	X	X	X								
H-8 (0.5')	10/4/2022		X		G	1	X	X	X	X								
H-9 (0.5')	10/4/2022		X		G	1	X	X	X	X								

Comments:

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Conner Moehring</i>	10/5/22	<i>Paul A. [Signature]</i>	10/5/22

Work Order No: 19960

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Project Manager	Commer Moehring	Bill to (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	

Work Order Comments			
Program: UST/PST	☐ PRR	☐ Brownfields	☐ RRC ☐ Iperfund ☐
State of Project:			
Reporting Level II	☐ Level III	☐ ST/UST	☐ RRP ☐ Level IV ☐
Deliverables. EDD	☐ ADAPT	☐	Other

[illegible]**Comments:**

Comments:			
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>Don McLaughlin</i>	10/5/22	<i>[Signature]</i>	10/5/22

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-19966-1
SDG Number: Lea County, New Mexico

Login Number: 19966

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-21089-1

Laboratory Sample Delivery Group: Lea County, New Mexico
Client Project/Site: West Fez Frac Pond (08.17.22)

For:

Carmona Resources
310 W Wall St
Ste 415
Midland, Texas 79701

Attn: Mike Carmona

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:

11/4/2022 2:38:25 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Laboratory Job ID: 880-21089-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Job ID: 880-21089-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-21089-1****Receipt**

The samples were received on 11/3/2022 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-38611 and analytical batch 880-38578 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-21 (2') (880-21089-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: SW-6 (2') (880-21089-27). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-1 (1.5') (880-21089-1). 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: (880-21089-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS-13 (2') (880-21089-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-38618 and analytical batch 880-38574 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-14 (2') (880-21089-35). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-38587 and analytical batch 880-38572 contained Gasoline Range Organics (GRO)-C6-C10, Diesel Range Organics (Over C10-C28) and Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-38587 and analytical batch 880-38572 was outside control limits. Sample non-homogeneity is suspected.

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

HPLC/IC

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

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-21089-1

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/03/22 10:12	11/03/22 22:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/03/22 10:12	11/03/22 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	11/03/22 10:12	11/03/22 22:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/03/22 10:12	11/03/22 22:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 14:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		11/03/22 11:54	11/03/22 14:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	11/03/22 11:54	11/03/22 14:01	1
o-Terphenyl	69	S1-	70 - 130	11/03/22 11:54	11/03/22 14:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.4		5.04		mg/Kg			11/03/22 20:30	1

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-21089-2

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/22 10:12	11/03/22 22:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/22 10:12	11/03/22 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	11/03/22 10:12	11/03/22 22:54	1
1,4-Difluorobenzene (Surr)	105		70 - 130	11/03/22 10:12	11/03/22 22:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-21089-2

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/03/22 11:54	11/03/22 15:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/03/22 11:54	11/03/22 15:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/03/22 11:54	11/03/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				11/03/22 11:54	11/03/22 15:06	1
o-Terphenyl	74		70 - 130				11/03/22 11:54	11/03/22 15:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		4.98		mg/Kg			11/03/22 20:52	1

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-21089-3

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/03/22 23:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/03/22 23:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/03/22 23:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/03/22 23:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/03/22 23:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/03/22 23:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				11/03/22 10:12	11/03/22 23:15	1
1,4-Difluorobenzene (Surr)	84		70 - 130				11/03/22 10:12	11/03/22 23:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 15:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-21089-3

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				11/03/22 11:54	11/03/22 15:28	1
o-Terphenyl	76		70 - 130				11/03/22 11:54	11/03/22 15:28	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.5		4.96		mg/Kg			11/03/22 20:59	1

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-21089-4

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/03/22 23:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/03/22 23:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/03/22 23:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/03/22 23:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/03/22 23:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/03/22 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				11/03/22 10:12	11/03/22 23:35	1
1,4-Difluorobenzene (Surr)	104		70 - 130				11/03/22 10:12	11/03/22 23:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 15:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 15:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 15:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				11/03/22 11:54	11/03/22 15:50	1
o-Terphenyl	80		70 - 130				11/03/22 11:54	11/03/22 15:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.5		5.00		mg/Kg			11/03/22 21:06	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-21089-5

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 23:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 23:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 23:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/22 10:12	11/03/22 23:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 23:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/22 10:12	11/03/22 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	11/03/22 10:12	11/03/22 23:56	1
1,4-Difluorobenzene (Surr)	74		70 - 130	11/03/22 10:12	11/03/22 23:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	11/03/22 11:54	11/03/22 16:12	1
o-Terphenyl	80		70 - 130	11/03/22 11:54	11/03/22 16:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		4.98		mg/Kg			11/03/22 21:13	1

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-21089-6

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 00:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 00:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 00:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 00:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 00:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 00:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	11/03/22 10:12	11/04/22 00:16	1
1,4-Difluorobenzene (Surr)	95		70 - 130	11/03/22 10:12	11/04/22 00:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-21089-6

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				11/03/22 11:54	11/03/22 16:34	1
o-Terphenyl	79		70 - 130				11/03/22 11:54	11/03/22 16:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.6		4.95		mg/Kg			11/03/22 21:21	1

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-21089-7

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 00:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 00:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 00:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 00:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 00:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				11/03/22 10:12	11/04/22 00:37	1
1,4-Difluorobenzene (Surr)	94		70 - 130				11/03/22 10:12	11/04/22 00:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-21089-7

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				11/03/22 11:54	11/03/22 16:56	1
o-Terphenyl	74		70 - 130				11/03/22 11:54	11/03/22 16:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		5.01		mg/Kg			11/03/22 21:28	1

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-21089-8

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 00:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 00:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 00:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/03/22 10:12	11/04/22 00:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 00:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/03/22 10:12	11/04/22 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				11/03/22 10:12	11/04/22 00:57	1
1,4-Difluorobenzene (Surr)	78		70 - 130				11/03/22 10:12	11/04/22 00:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 17:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 17:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				11/03/22 11:54	11/03/22 17:17	1
o-Terphenyl	85		70 - 130				11/03/22 11:54	11/03/22 17:17	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.5		4.99		mg/Kg			11/03/22 21:49	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-21089-9

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 01:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 01:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 01:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/22 10:12	11/04/22 01:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 01:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/22 10:12	11/04/22 01:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	11/03/22 10:12	11/04/22 01:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130	11/03/22 10:12	11/04/22 01:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	11/03/22 11:54	11/03/22 17:39	1
o-Terphenyl	86		70 - 130	11/03/22 11:54	11/03/22 17:39	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		4.98		mg/Kg			11/03/22 21:57	1

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-21089-10

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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		11/03/22 10:12	11/04/22 01:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:12	11/04/22 01:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:12	11/04/22 01:38	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		11/03/22 10:12	11/04/22 01:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:12	11/04/22 01:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		11/03/22 10:12	11/04/22 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	11/03/22 10:12	11/04/22 01:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130	11/03/22 10:12	11/04/22 01:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-21089-10

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 18:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 18:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				11/03/22 11:54	11/03/22 18:01	1
o-Terphenyl	87		70 - 130				11/03/22 11:54	11/03/22 18:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		4.99		mg/Kg			11/03/22 22:18	1

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-21089-11

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 03:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 03:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 03:01	1
m-Xylene & p-Xylene	0.00423		0.00399		mg/Kg		11/03/22 10:12	11/04/22 03:01	1
o-Xylene	0.00265		0.00200		mg/Kg		11/03/22 10:12	11/04/22 03:01	1
Xylenes, Total	0.00688		0.00399		mg/Kg		11/03/22 10:12	11/04/22 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				11/03/22 10:12	11/04/22 03:01	1
1,4-Difluorobenzene (Surr)	108		70 - 130				11/03/22 10:12	11/04/22 03:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00688		0.00399		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 18:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 18:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-21089-11

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				11/03/22 11:54	11/03/22 18:44	1
o-Terphenyl	82		70 - 130				11/03/22 11:54	11/03/22 18:44	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.9		4.98		mg/Kg			11/03/22 22:26	1

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-21089-12

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 03:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 03:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 03:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 03:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 03:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 03:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				11/03/22 10:12	11/04/22 03:21	1
1,4-Difluorobenzene (Surr)	95		70 - 130				11/03/22 10:12	11/04/22 03:21	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			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 19:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 19:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				11/03/22 11:54	11/03/22 19:06	1
o-Terphenyl	88		70 - 130				11/03/22 11:54	11/03/22 19:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6		4.95		mg/Kg			11/03/22 22:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-21089-13

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 03:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 03:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 03:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 03:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 03:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 03:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	11/03/22 10:12	11/04/22 03:42	1
1,4-Difluorobenzene (Surr)	86		70 - 130	11/03/22 10:12	11/04/22 03:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 19:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 19:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130	11/03/22 11:54	11/03/22 19:27	1
o-Terphenyl	63	S1-	70 - 130	11/03/22 11:54	11/03/22 19:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.00		mg/Kg			11/03/22 22:40	1

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-21089-14

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 04:02	1
Toluene	0.00208		0.00200		mg/Kg		11/03/22 10:12	11/04/22 04:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 04:02	1
m-Xylene & p-Xylene	0.00526		0.00401		mg/Kg		11/03/22 10:12	11/04/22 04:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 04:02	1
Xylenes, Total	0.00526		0.00401		mg/Kg		11/03/22 10:12	11/04/22 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	11/03/22 10:12	11/04/22 04:02	1
1,4-Difluorobenzene (Surr)	107		70 - 130	11/03/22 10:12	11/04/22 04:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-21089-14

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00734		0.00401		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 19:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 19:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				11/03/22 11:54	11/03/22 19:49	1
o-Terphenyl	91		70 - 130				11/03/22 11:54	11/03/22 19:49	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.9		5.00		mg/Kg			11/03/22 22:47	1

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-21089-15

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:12	11/04/22 04:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:12	11/04/22 04:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:12	11/04/22 04:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/03/22 10:12	11/04/22 04:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:12	11/04/22 04:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/03/22 10:12	11/04/22 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				11/03/22 10:12	11/04/22 04:23	1
1,4-Difluorobenzene (Surr)	91		70 - 130				11/03/22 10:12	11/04/22 04:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 20:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-21089-15

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				11/03/22 11:54	11/03/22 20:11	1
o-Terphenyl	102		70 - 130				11/03/22 11:54	11/03/22 20:11	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.6		5.05		mg/Kg			11/03/22 22:54	1

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-21089-16

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:12	11/04/22 04:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:12	11/04/22 04:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:12	11/04/22 04:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/03/22 10:12	11/04/22 04:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:12	11/04/22 04:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/03/22 10:12	11/04/22 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				11/03/22 10:12	11/04/22 04:43	1
1,4-Difluorobenzene (Surr)	92		70 - 130				11/03/22 10:12	11/04/22 04:43	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			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 20:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				11/03/22 11:54	11/03/22 20:32	1
o-Terphenyl	92		70 - 130				11/03/22 11:54	11/03/22 20:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		4.99		mg/Kg			11/03/22 23:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-21089-17

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/03/22 10:12	11/04/22 05:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/03/22 10:12	11/04/22 05:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/03/22 10:12	11/04/22 05:04	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/03/22 10:12	11/04/22 05:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/03/22 10:12	11/04/22 05:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/03/22 10:12	11/04/22 05:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	11/03/22 10:12	11/04/22 05:04	1
1,4-Difluorobenzene (Surr)	86		70 - 130	11/03/22 10:12	11/04/22 05:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 20:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 20:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:54	11/03/22 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	11/03/22 11:54	11/03/22 20:54	1
o-Terphenyl	85		70 - 130	11/03/22 11:54	11/03/22 20:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.0		4.96		mg/Kg			11/03/22 16:21	1

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-21089-18

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 05:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 05:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 05:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 05:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 05:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	11/03/22 10:12	11/04/22 05:24	1
1,4-Difluorobenzene (Surr)	86		70 - 130	11/03/22 10:12	11/04/22 05:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-18 (2')

Lab Sample ID: 880-21089-18

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				11/03/22 11:54	11/03/22 21:16	1
o-Terphenyl	84		70 - 130				11/03/22 11:54	11/03/22 21:16	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.7		5.00		mg/Kg			11/03/22 16:36	1

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-21089-19

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 05:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 05:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 05:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/22 10:12	11/04/22 05:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/04/22 05:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/22 10:12	11/04/22 05:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/03/22 10:12	11/04/22 05:45	1
1,4-Difluorobenzene (Surr)	89		70 - 130				11/03/22 10:12	11/04/22 05:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-19 (2')

Lab Sample ID: 880-21089-19

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				11/03/22 11:54	11/03/22 21:37	1
o-Terphenyl	80		70 - 130				11/03/22 11:54	11/03/22 21:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.8		4.99		mg/Kg			11/03/22 16:41	1

Client Sample ID: CS-20 (2')

Lab Sample ID: 880-21089-20

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 06:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 06:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 06:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 06:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:12	11/04/22 06:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:12	11/04/22 06:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/03/22 10:12	11/04/22 06:05	1
1,4-Difluorobenzene (Surr)	91		70 - 130				11/03/22 10:12	11/04/22 06:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:54	11/03/22 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				11/03/22 11:54	11/03/22 21:59	1
o-Terphenyl	94		70 - 130				11/03/22 11:54	11/03/22 21:59	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.9		4.97		mg/Kg			11/03/22 16:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (2')

Lab Sample ID: 880-21089-21

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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		11/03/22 10:24	11/04/22 10:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:24	11/04/22 10:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:24	11/04/22 10:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/03/22 10:24	11/04/22 10:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:24	11/04/22 10:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/03/22 10:24	11/04/22 10:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	63	S1-	70 - 130	11/03/22 10:24	11/04/22 10:55	1
1,4-Difluorobenzene (Surr)	73		70 - 130	11/03/22 10:24	11/04/22 10:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 14:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 14:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	11/03/22 11:57	11/03/22 14:01	1
o-Terphenyl	101		70 - 130	11/03/22 11:57	11/03/22 14:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.9		5.05		mg/Kg			11/03/22 16:51	1

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-21089-22

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 11:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 11:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 11:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/22 10:24	11/04/22 11:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 11:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/22 10:24	11/04/22 11:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	11/03/22 10:24	11/04/22 11:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/03/22 10:24	11/04/22 11:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-21089-22

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/03/22 11:57	11/03/22 15:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/03/22 11:57	11/03/22 15:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/03/22 11:57	11/03/22 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				11/03/22 11:57	11/03/22 15:06	1
o-Terphenyl	109		70 - 130				11/03/22 11:57	11/03/22 15:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.7		4.98		mg/Kg			11/03/22 17:05	1

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-21089-23

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 11:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 11:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 11:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:24	11/04/22 11:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 11:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:24	11/04/22 11:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				11/03/22 10:24	11/04/22 11:37	1
1,4-Difluorobenzene (Surr)	105		70 - 130				11/03/22 10:24	11/04/22 11:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 15:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 15:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-21089-23

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				11/03/22 11:57	11/03/22 15:28	1
o-Terphenyl	91		70 - 130				11/03/22 11:57	11/03/22 15:28	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.1		4.96		mg/Kg			11/03/22 17:10	1

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-21089-24

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 11:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 11:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 11:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/22 10:24	11/04/22 11:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 11:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/22 10:24	11/04/22 11:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				11/03/22 10:24	11/04/22 11:57	1
1,4-Difluorobenzene (Surr)	103		70 - 130				11/03/22 10:24	11/04/22 11:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 15:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 15:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 15:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				11/03/22 11:57	11/03/22 15:50	1
o-Terphenyl	87		70 - 130				11/03/22 11:57	11/03/22 15:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.5		4.98		mg/Kg			11/03/22 17:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-4 (0.5')

Lab Sample ID: 880-21089-25

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 12:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 12:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 12:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:24	11/04/22 12:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 12:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:24	11/04/22 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	11/03/22 10:24	11/04/22 12:18	1
1,4-Difluorobenzene (Surr)	104		70 - 130	11/03/22 10:24	11/04/22 12:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	11/03/22 11:57	11/03/22 16:12	1
o-Terphenyl	94		70 - 130	11/03/22 11:57	11/03/22 16:12	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.6		4.95		mg/Kg			11/03/22 17:20	1

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-21089-26

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 12:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 12:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 12:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:24	11/04/22 12:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 12:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:24	11/04/22 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	11/03/22 10:24	11/04/22 12:39	1
1,4-Difluorobenzene (Surr)	83		70 - 130	11/03/22 10:24	11/04/22 12:39	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-21089-26

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				11/03/22 11:57	11/03/22 16:34	1
o-Terphenyl	114		70 - 130				11/03/22 11:57	11/03/22 16:34	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.2		5.04		mg/Kg			11/03/22 17:25	1

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-21089-27

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 13:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 13:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/03/22 10:24	11/04/22 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 13:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/03/22 10:24	11/04/22 13:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				11/03/22 10:24	11/04/22 13:00	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130				11/03/22 10:24	11/04/22 13:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:56	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-21089-27

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				11/03/22 11:57	11/03/22 16:56	1
o-Terphenyl	105		70 - 130				11/03/22 11:57	11/03/22 16:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.3		4.98		mg/Kg			11/03/22 17:30	1

Client Sample ID: SW-7 (2')

Lab Sample ID: 880-21089-28

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:24	11/04/22 13:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:24	11/04/22 13:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:24	11/04/22 13:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/03/22 10:24	11/04/22 13:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/03/22 10:24	11/04/22 13:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/03/22 10:24	11/04/22 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				11/03/22 10:24	11/04/22 13:20	1
1,4-Difluorobenzene (Surr)	107		70 - 130				11/03/22 10:24	11/04/22 13:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 17:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 17:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 17:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				11/03/22 11:57	11/03/22 17:17	1
o-Terphenyl	107		70 - 130				11/03/22 11:57	11/03/22 17:17	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.1		4.96		mg/Kg			11/03/22 17:45	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-8 (2')

Lab Sample ID: 880-21089-29

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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		11/03/22 10:24	11/04/22 13:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:24	11/04/22 13:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:24	11/04/22 13:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/03/22 10:24	11/04/22 13:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/03/22 10:24	11/04/22 13:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/03/22 10:24	11/04/22 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/03/22 10:24	11/04/22 13:41	1
1,4-Difluorobenzene (Surr)	106		70 - 130	11/03/22 10:24	11/04/22 13:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 17:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 17:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	11/03/22 11:57	11/03/22 17:39	1
o-Terphenyl	90		70 - 130	11/03/22 11:57	11/03/22 17:39	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.6		5.01		mg/Kg			11/03/22 17:50	1

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-21089-30

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 14:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 14:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 14:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:24	11/04/22 14:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:24	11/04/22 14:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:24	11/04/22 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	11/03/22 10:24	11/04/22 14:02	1
1,4-Difluorobenzene (Surr)	107		70 - 130	11/03/22 10:24	11/04/22 14:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-9 (2')

Lab Sample ID: 880-21089-30

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 18:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 18:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				11/03/22 11:57	11/03/22 18:01	1
o-Terphenyl	102		70 - 130				11/03/22 11:57	11/03/22 18:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.2		4.97		mg/Kg			11/03/22 18:05	1

Client Sample ID: SW-10 (1.5')

Lab Sample ID: 880-21089-31

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/04/22 07:55	11/04/22 11:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/04/22 07:55	11/04/22 11:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/04/22 07:55	11/04/22 11:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/04/22 07:55	11/04/22 11:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/04/22 07:55	11/04/22 11:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/04/22 07:55	11/04/22 11:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				11/04/22 07:55	11/04/22 11:00	1
1,4-Difluorobenzene (Surr)	91		70 - 130				11/04/22 07:55	11/04/22 11:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 18:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 18:44	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (1.5')

Lab Sample ID: 880-21089-31

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				11/03/22 11:57	11/03/22 18:44	1
o-Terphenyl	99		70 - 130				11/03/22 11:57	11/03/22 18:44	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	176		4.95		mg/Kg			11/03/22 18:10	1

Client Sample ID: SW-11 (1.5')

Lab Sample ID: 880-21089-32

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 11:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 11:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 11:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 11:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 11:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 11:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				11/04/22 07:55	11/04/22 11:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130				11/04/22 07:55	11/04/22 11:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 19:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 19:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				11/03/22 11:57	11/03/22 19:06	1
o-Terphenyl	92		70 - 130				11/03/22 11:57	11/03/22 19:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.5		5.04		mg/Kg			11/03/22 18:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-12 (0.5')

Lab Sample ID: 880-21089-33

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 11:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 11:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 11:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 11:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 11:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	11/04/22 07:55	11/04/22 11:41	1
1,4-Difluorobenzene (Surr)	82		70 - 130	11/04/22 07:55	11/04/22 11:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 19:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 19:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	11/03/22 11:57	11/03/22 19:27	1
o-Terphenyl	97		70 - 130	11/03/22 11:57	11/03/22 19:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.3		4.95		mg/Kg			11/03/22 18:20	1

Client Sample ID: SW-13 (2')

Lab Sample ID: 880-21089-34

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 12:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 12:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 12:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/04/22 07:55	11/04/22 12:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 12:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/04/22 07:55	11/04/22 12:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	11/04/22 07:55	11/04/22 12:01	1
1,4-Difluorobenzene (Surr)	90		70 - 130	11/04/22 07:55	11/04/22 12:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (2')

Lab Sample ID: 880-21089-34

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 19:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 19:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				11/03/22 11:57	11/03/22 19:49	1
o-Terphenyl	102		70 - 130				11/03/22 11:57	11/03/22 19:49	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.0		4.95		mg/Kg			11/03/22 18:25	1

Client Sample ID: SW-14 (2')

Lab Sample ID: 880-21089-35

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 12:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 12:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 12:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 12:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 12:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				11/04/22 07:55	11/04/22 12:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130				11/04/22 07:55	11/04/22 12:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 20:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 20:11	1

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Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-14 (2')

Lab Sample ID: 880-21089-35

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 20:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130				11/03/22 11:57	11/03/22 20:11	1
o-Terphenyl	72		70 - 130				11/03/22 11:57	11/03/22 20:11	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.7		4.99		mg/Kg			11/03/22 18:30	1

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-21089-36

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 12:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 12:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 12:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 12:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 12:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 12:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				11/04/22 07:55	11/04/22 12:42	1
1,4-Difluorobenzene (Surr)	94		70 - 130				11/04/22 07:55	11/04/22 12:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 20:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 20:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				11/03/22 11:57	11/03/22 20:32	1
o-Terphenyl	85		70 - 130				11/03/22 11:57	11/03/22 20:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.8		5.05		mg/Kg			11/03/22 18:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-21089-37

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 13:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 13:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 13:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		11/04/22 07:55	11/04/22 13:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 13:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/04/22 07:55	11/04/22 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				11/04/22 07:55	11/04/22 13:02	1
1,4-Difluorobenzene (Surr)	86		70 - 130				11/04/22 07:55	11/04/22 13:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 20:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 20:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 11:57	11/03/22 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				11/03/22 11:57	11/03/22 20:54	1
o-Terphenyl	112		70 - 130				11/03/22 11:57	11/03/22 20:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	288		4.97		mg/Kg			11/03/22 20:31	1

Client Sample ID: SW-17 (2')

Lab Sample ID: 880-21089-38

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 13:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 13:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 13:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/04/22 07:55	11/04/22 13:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 13:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/04/22 07:55	11/04/22 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				11/04/22 07:55	11/04/22 13:23	1
1,4-Difluorobenzene (Surr)	84		70 - 130				11/04/22 07:55	11/04/22 13:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-17 (2')

Lab Sample ID: 880-21089-38

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				11/03/22 11:57	11/03/22 21:16	1
o-Terphenyl	106		70 - 130				11/03/22 11:57	11/03/22 21:16	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.2		4.98		mg/Kg			11/03/22 20:36	1

Client Sample ID: SW-18 (2')

Lab Sample ID: 880-21089-39

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 13:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 13:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 13:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 13:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/04/22 07:55	11/04/22 13:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/04/22 07:55	11/04/22 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				11/04/22 07:55	11/04/22 13:43	1
1,4-Difluorobenzene (Surr)	92		70 - 130				11/04/22 07:55	11/04/22 13:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-18 (2')

Lab Sample ID: 880-21089-39

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				11/03/22 11:57	11/03/22 21:37	1
o-Terphenyl	83		70 - 130				11/03/22 11:57	11/03/22 21:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.0		5.00		mg/Kg			11/03/22 20:41	1

Client Sample ID: SW-19 (2')

Lab Sample ID: 880-21089-40

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/04/22 07:55	11/04/22 14:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/04/22 07:55	11/04/22 14:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/04/22 07:55	11/04/22 14:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/04/22 07:55	11/04/22 14:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/04/22 07:55	11/04/22 14:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/04/22 07:55	11/04/22 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				11/04/22 07:55	11/04/22 14:04	1
1,4-Difluorobenzene (Surr)	72		70 - 130				11/04/22 07:55	11/04/22 14:04	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			11/04/22 15:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 11:57	11/03/22 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				11/03/22 11:57	11/03/22 21:59	1
o-Terphenyl	105		70 - 130				11/03/22 11:57	11/03/22 21:59	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.1		5.00		mg/Kg			11/03/22 20:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-20 (2')

Lab Sample ID: 880-21089-41

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		11/03/22 10:41	11/04/22 01:58	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		11/03/22 10:41	11/04/22 01:58	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		11/03/22 10:41	11/04/22 01:58	1
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.00401		mg/Kg		11/03/22 10:41	11/04/22 01:58	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		11/03/22 10:41	11/04/22 01:58	1
Xylenes, Total	<0.00401	U F2 F1	0.00401		mg/Kg		11/03/22 10:41	11/04/22 01:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	11/03/22 10:41	11/04/22 01:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/03/22 10:41	11/04/22 01:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/04/22 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 01:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 01:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	11/03/22 10:00	11/04/22 01:36	1
o-Terphenyl	86		70 - 130	11/03/22 10:00	11/04/22 01:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.2		4.99		mg/Kg			11/03/22 20:51	1

Client Sample ID: SW-21 (2')

Lab Sample ID: 880-21089-42

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:41	11/04/22 02:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:41	11/04/22 02:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:41	11/04/22 02:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/03/22 10:41	11/04/22 02:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:41	11/04/22 02:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/22 10:41	11/04/22 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/03/22 10:41	11/04/22 02:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/03/22 10:41	11/04/22 02:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-21 (2')

Lab Sample ID: 880-21089-42

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/04/22 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 01:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 01:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				11/03/22 10:00	11/04/22 01:58	1
o-Terphenyl	93		70 - 130				11/03/22 10:00	11/04/22 01:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.4		5.00		mg/Kg			11/03/22 21:06	1

Client Sample ID: SW-22 (2')

Lab Sample ID: 880-21089-43

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:41	11/04/22 02:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:41	11/04/22 02:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:41	11/04/22 02:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/03/22 10:41	11/04/22 02:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/03/22 10:41	11/04/22 02:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/03/22 10:41	11/04/22 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				11/03/22 10:41	11/04/22 02:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130				11/03/22 10:41	11/04/22 02:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/04/22 14:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 02:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 02:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-22 (2')
Date Collected: 11/02/22 00:00
Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-43
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 10:00	11/04/22 02:19	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	78		70 - 130				11/03/22 10:00	11/04/22 02:19	1	
o-Terphenyl	92		70 - 130				11/03/22 10:00	11/04/22 02:19	1	

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	29.6		4.96		mg/Kg			11/03/22 21:11	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-21089-1	CS-1 (1.5')	97	99
880-21089-1 MS	CS-1 (1.5')	102	96
880-21089-1 MSD	CS-1 (1.5')	103	110
880-21089-2	CS-2 (1.5')	97	105
880-21089-3	CS-3 (1.5')	85	84
880-21089-4	CS-4 (1.5')	96	104
880-21089-5	CS-5 (1.5')	84	74
880-21089-6	CS-6 (2')	102	95
880-21089-7	CS-7 (2')	102	94
880-21089-8	CS-8 (2')	95	78
880-21089-9	CS-9 (1.5')	101	95
880-21089-10	CS-10 (1.5')	101	95
880-21089-11	CS-11 (2')	105	108
880-21089-12	CS-12 (2')	101	95
880-21089-13	CS-13 (2')	91	86
880-21089-14	CS-14 (2')	90	107
880-21089-15	CS-15 (2')	100	91
880-21089-16	CS-16 (2')	103	92
880-21089-17	CS-17 (2')	81	86
880-21089-18	CS-18 (2')	97	86
880-21089-19	CS-19 (2')	98	89
880-21089-20	CS-20 (2')	98	91
880-21089-21	CS-21 (2')	63 S1-	73
880-21089-21 MS	CS-21 (2')	85	94
880-21089-21 MSD	CS-21 (2')	91	93
880-21089-22	SW-1 (1.5')	115	102
880-21089-23	SW-2 (1.5')	104	105
880-21089-24	SW-3 (1.5')	123	103
880-21089-25	SW-4 (0.5')	115	104
880-21089-26	SW-5 (2')	124	83
880-21089-27	SW-6 (2')	101	64 S1-
880-21089-28	SW-7 (2')	110	107
880-21089-29	SW-8 (2')	111	106
880-21089-30	SW-9 (2')	114	107
880-21089-31	SW-10 (1.5')	96	91
880-21089-31 MS	SW-10 (1.5')	111	99
880-21089-31 MSD	SW-10 (1.5')	104	95
880-21089-32	SW-11 (1.5')	97	91
880-21089-33	SW-12 (0.5')	101	82
880-21089-34	SW-13 (2')	101	90
880-21089-35	SW-14 (2')	100	94
880-21089-36	SW-15 (2')	101	94
880-21089-37	SW-16 (2')	92	86
880-21089-38	SW-17 (2')	101	84
880-21089-39	SW-18 (2')	98	92
880-21089-40	SW-19 (2')	93	72
880-21089-41	SW-20 (2')	116	94
880-21089-41 MS	SW-20 (2')	119	95
880-21089-41 MSD	SW-20 (2')	92	96

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-21089-1

Project/Site: West Fez Frac Pond (08.17.22)

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-21089-42	SW-21 (2')	108	99
880-21089-43	SW-22 (2')	120	96
LCS 880-38596/1-A	Lab Control Sample	103	91
LCS 880-38607/1-A	Lab Control Sample	95	92
LCS 880-38611/1-A	Lab Control Sample	114	102
LCS 880-38695/1-A	Lab Control Sample	102	105
LCSD 880-38596/2-A	Lab Control Sample Dup	102	103
LCSD 880-38607/2-A	Lab Control Sample Dup	89	99
LCSD 880-38611/2-A	Lab Control Sample Dup	111	103
LCSD 880-38695/2-A	Lab Control Sample Dup	101	99
MB 880-38429/5-A	Method Blank	90	97
MB 880-38433/5-A	Method Blank	83	91
MB 880-38596/5-A	Method Blank	81	89
MB 880-38607/5-A	Method Blank	94	94
MB 880-38611/5-A	Method Blank	89	96
MB 880-38695/5-A	Method Blank	87	89
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-21018-A-1-D MS	Matrix Spike	80	82
880-21018-A-1-E MSD	Matrix Spike Duplicate	80	78
880-21089-1	CS-1 (1.5')	75	69 S1-
880-21089-1 MS	CS-1 (1.5')	84	76
880-21089-1 MSD	CS-1 (1.5')	81	64 S1-
880-21089-2	CS-2 (1.5')	81	74
880-21089-3	CS-3 (1.5')	84	76
880-21089-4	CS-4 (1.5')	85	80
880-21089-5	CS-5 (1.5')	85	80
880-21089-6	CS-6 (2')	86	79
880-21089-7	CS-7 (2')	82	74
880-21089-8	CS-8 (2')	96	85
880-21089-9	CS-9 (1.5')	97	86
880-21089-10	CS-10 (1.5')	89	87
880-21089-11	CS-11 (2')	86	82
880-21089-12	CS-12 (2')	92	88
880-21089-13	CS-13 (2')	65 S1-	63 S1-
880-21089-14	CS-14 (2')	99	91
880-21089-15	CS-15 (2')	109	102
880-21089-16	CS-16 (2')	95	92
880-21089-17	CS-17 (2')	88	85
880-21089-18	CS-18 (2')	86	84
880-21089-19	CS-19 (2')	84	80
880-21089-20	CS-20 (2')	101	94

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-21089-1

Project/Site: West Fez Frac Pond (08.17.22)

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-21089-21	CS-21 (2')	84	101
880-21089-21 MS	CS-21 (2')	72	77
880-21089-21 MSD	CS-21 (2')	75	80
880-21089-22	SW-1 (1.5')	96	109
880-21089-23	SW-2 (1.5')	77	91
880-21089-24	SW-3 (1.5')	74	87
880-21089-25	SW-4 (0.5')	79	94
880-21089-26	SW-5 (2')	100	114
880-21089-27	SW-6 (2')	88	105
880-21089-28	SW-7 (2')	91	107
880-21089-29	SW-8 (2')	80	90
880-21089-30	SW-9 (2')	88	102
880-21089-31	SW-10 (1.5')	83	99
880-21089-32	SW-11 (1.5')	84	92
880-21089-33	SW-12 (0.5')	91	97
880-21089-34	SW-13 (2')	96	102
880-21089-35	SW-14 (2')	63 S1-	72
880-21089-36	SW-15 (2')	76	85
880-21089-37	SW-16 (2')	101	112
880-21089-38	SW-17 (2')	94	106
880-21089-39	SW-18 (2')	77	83
880-21089-40	SW-19 (2')	95	105
880-21089-41	SW-20 (2')	74	86
880-21089-42	SW-21 (2')	80	93
880-21089-43	SW-22 (2')	78	92
LCS 880-38587/2-A	Lab Control Sample	82	96
LCS 880-38618/2-A	Lab Control Sample	84	78
LCS 880-38619/2-A	Lab Control Sample	77	89
LCSD 880-38587/3-A	Lab Control Sample Dup	81	92
LCSD 880-38618/3-A	Lab Control Sample Dup	105	98
LCSD 880-38619/3-A	Lab Control Sample Dup	75	88
MB 880-38587/1-A	Method Blank	88	105
MB 880-38618/1-A	Method Blank	94	89
MB 880-38619/1-A	Method Blank	87	106

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-38429/5-A

Matrix: Solid

Analysis Batch: 38578

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/22 16:03	11/03/22 13:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/22 16:03	11/03/22 13:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/22 16:03	11/03/22 13:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/22 16:03	11/03/22 13:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/22 16:03	11/03/22 13:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/22 16:03	11/03/22 13:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	11/01/22 16:03	11/03/22 13:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/01/22 16:03	11/03/22 13:54	1

Lab Sample ID: MB 880-38433/5-A

Matrix: Solid

Analysis Batch: 38577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/01/22 16:19	11/03/22 10:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/01/22 16:19	11/03/22 10:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/01/22 16:19	11/03/22 10:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/01/22 16:19	11/03/22 10:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/01/22 16:19	11/03/22 10:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/01/22 16:19	11/03/22 10:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	11/01/22 16:19	11/03/22 10:52	1
1,4-Difluorobenzene (Surr)	91		70 - 130	11/01/22 16:19	11/03/22 10:52	1

Lab Sample ID: MB 880-38596/5-A

Matrix: Solid

Analysis Batch: 38577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38596

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/03/22 10:12	11/03/22 22:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:12	11/03/22 22:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/03/22 10:12	11/03/22 22:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	11/03/22 10:12	11/03/22 22:12	1
1,4-Difluorobenzene (Surr)	89		70 - 130	11/03/22 10:12	11/03/22 22:12	1

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-38596/1-A

Matrix: Solid

Analysis Batch: 38577

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1025		mg/Kg		103	70 - 130
Toluene	0.100	0.09319		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09378		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1872		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09365		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-38596/2-A

Matrix: Solid

Analysis Batch: 38577

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 38596

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1178		mg/Kg		118	70 - 130	14	35
Toluene	0.100	0.1011		mg/Kg		101	70 - 130	8	35
Ethylbenzene	0.100	0.09764		mg/Kg		98	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1987		mg/Kg		99	70 - 130	6	35
o-Xylene	0.100	0.09858		mg/Kg		99	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-21089-1 MS

Matrix: Solid

Analysis Batch: 38577

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 38596

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09921		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.08728		mg/Kg		86	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08517		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1716		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U	0.100	0.08362		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-21089-1 MSD

Matrix: Solid

Analysis Batch: 38577

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 38596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1000		mg/Kg		101	70 - 130	1	35
Toluene	<0.00200	U	0.0990	0.08462		mg/Kg		84	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0990	0.08380		mg/Kg		84	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-21089-1 MSD

Matrix: Solid

Analysis Batch: 38577

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 38596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1691		mg/Kg		84	70 - 130	1	35
o-Xylene	<0.00200	U	0.0990	0.08236		mg/Kg		81	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

Lab Sample ID: MB 880-38607/5-A

Matrix: Solid

Analysis Batch: 38694

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38607

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 10:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 10:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 10:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/03/22 10:24	11/04/22 10:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:24	11/04/22 10:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/03/22 10:24	11/04/22 10:33	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				11/03/22 10:24	11/04/22 10:33	1
1,4-Difluorobenzene (Surr)	94		70 - 130				11/03/22 10:24	11/04/22 10:33	1

Lab Sample ID: LCS 880-38607/1-A

Matrix: Solid

Analysis Batch: 38694

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38607

Analyte	Spike Added	LCS Result	LCS		Unit	D	%Rec	%Rec		
			Qualifier					Limits		
Benzene	0.100	0.08646			mg/Kg		86	70 - 130		
Toluene	0.100	0.08928			mg/Kg		89	70 - 130		
Ethylbenzene	0.100	0.08810			mg/Kg		88	70 - 130		
m-Xylene & p-Xylene	0.200	0.1700			mg/Kg		85	70 - 130		
o-Xylene	0.100	0.09742			mg/Kg		97	70 - 130		
Surrogate	LCS		Limits							
	%Recovery	Qualifier								
4-Bromofluorobenzene (Surr)	95		70 - 130							
1,4-Difluorobenzene (Surr)	92		70 - 130							

Lab Sample ID: LCSD 880-38607/2-A

Matrix: Solid

Analysis Batch: 38694

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 38607

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08849		mg/Kg		88	70 - 130	2	35
Toluene	0.100	0.08732		mg/Kg		87	70 - 130	2	35
Ethylbenzene	0.100	0.08413		mg/Kg		84	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1633		mg/Kg		82	70 - 130	4	35
o-Xylene	0.100	0.09460		mg/Kg		95	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-21089-21 MS

Matrix: Solid

Analysis Batch: 38694

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 38607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.0998	0.08291		mg/Kg		82	70 - 130
Toluene	<0.00202	U	0.0998	0.08135		mg/Kg		82	70 - 130
Ethylbenzene	<0.00202	U	0.0998	0.07740		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1459		mg/Kg		72	70 - 130
o-Xylene	<0.00202	U	0.0998	0.08249		mg/Kg		83	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-21089-21 MSD

Matrix: Solid

Analysis Batch: 38694

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 38607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00202	U	0.0990	0.08345		mg/Kg		83	70 - 130	1	35
Toluene	<0.00202	U	0.0990	0.08394		mg/Kg		85	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.0990	0.08178		mg/Kg		83	70 - 130	6	35
m-Xylene & p-Xylene	<0.00404	U	0.198	0.1589		mg/Kg		79	70 - 130	8	35
o-Xylene	<0.00202	U	0.0990	0.08988		mg/Kg		91	70 - 130	9	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-38611/5-A

Matrix: Solid

Analysis Batch: 38578

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38611

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:41	11/04/22 01:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:41	11/04/22 01:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:41	11/04/22 01:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/03/22 10:41	11/04/22 01:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 10:41	11/04/22 01:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/03/22 10:41	11/04/22 01:30	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	89		70 - 130	11/03/22 10:41	11/04/22 01:30	1			
1,4-Difluorobenzene (Surr)	96		70 - 130	11/03/22 10:41	11/04/22 01:30	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-38611/1-A

Matrix: Solid

Analysis Batch: 38578

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38611

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1057		mg/Kg		106	70 - 130
Toluene	0.100	0.1157		mg/Kg		116	70 - 130
Ethylbenzene	0.100	0.1103		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.1961		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09888		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-38611/2-A

Matrix: Solid

Analysis Batch: 38578

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 38611

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1059		mg/Kg		106	70 - 130	0	35
Toluene	0.100	0.1121		mg/Kg		112	70 - 130	3	35
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1898		mg/Kg		95	70 - 130	3	35
o-Xylene	0.100	0.09559		mg/Kg		96	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-21089-41 MS

Matrix: Solid

Analysis Batch: 38578

Client Sample ID: SW-20 (2')

Prep Type: Total/NA

Prep Batch: 38611

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.0998	0.09170		mg/Kg		92	70 - 130
Toluene	<0.00200	U F2 F1	0.0998	0.1044		mg/Kg		105	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.0998	0.1034		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.200	0.1837		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U F2 F1	0.0998	0.09360		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-21089-41 MSD

Matrix: Solid

Analysis Batch: 38578

Client Sample ID: SW-20 (2')

Prep Type: Total/NA

Prep Batch: 38611

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0990	0.03180	F2 F1	mg/Kg		32	70 - 130	97	35
Toluene	<0.00200	U F2 F1	0.0990	0.04125	F2 F1	mg/Kg		42	70 - 130	87	35
Ethylbenzene	<0.00200	U F2 F1	0.0990	0.04274	F2 F1	mg/Kg		43	70 - 130	83	35

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-21089-41 MSD

Matrix: Solid

Analysis Batch: 38578

Client Sample ID: SW-20 (2')

Prep Type: Total/NA

Prep Batch: 38611

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00401	U F2 F1	0.198	0.07074	F2 F1	mg/Kg		36	70 - 130	89	35
o-Xylene	<0.00200	U F2 F1	0.0990	0.03713	F2 F1	mg/Kg		37	70 - 130	86	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	92		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								

Lab Sample ID: MB 880-38695/5-A

Matrix: Solid

Analysis Batch: 38696

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38695

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 10:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 10:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 10:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/04/22 07:55	11/04/22 10:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/04/22 07:55	11/04/22 10:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/04/22 07:55	11/04/22 10:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				11/04/22 07:55	11/04/22 10:38	1
1,4-Difluorobenzene (Surr)	89		70 - 130				11/04/22 07:55	11/04/22 10:38	1

Lab Sample ID: LCS 880-38695/1-A

Matrix: Solid

Analysis Batch: 38696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38695

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1080		mg/Kg		108	70 - 130		
Toluene	0.100	0.09419		mg/Kg		94	70 - 130		
Ethylbenzene	0.100	0.09607		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene	0.200	0.1908		mg/Kg		95	70 - 130		
o-Xylene	0.100	0.09436		mg/Kg		94	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	102		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: LCSD 880-38695/2-A

Matrix: Solid

Analysis Batch: 38696

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 38695

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1051		mg/Kg		105	70 - 130	3	35
Toluene	0.100	0.09171		mg/Kg		92	70 - 130	3	35
Ethylbenzene	0.100	0.09095		mg/Kg		91	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1865		mg/Kg		93	70 - 130	2	35
o-Xylene	0.100	0.09124		mg/Kg		91	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-21089-31 MS

Matrix: Solid

Analysis Batch: 38696

Client Sample ID: SW-10 (1.5')

Prep Type: Total/NA

Prep Batch: 38695

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.0998	0.1232		mg/Kg		123	70 - 130	
Toluene	<0.00201	U	0.0998	0.1080		mg/Kg		108	70 - 130	
Ethylbenzene	<0.00201	U	0.0998	0.1067		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2199		mg/Kg		110	70 - 130	
o-Xylene	<0.00201	U	0.0998	0.1076		mg/Kg		108	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-21089-31 MSD

Matrix: Solid

Analysis Batch: 38696

Client Sample ID: SW-10 (1.5')

Prep Type: Total/NA

Prep Batch: 38695

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U	0.101	0.1079		mg/Kg		107	70 - 130	13	35	
Toluene	<0.00201	U	0.101	0.09291		mg/Kg		92	70 - 130	15	35	
Ethylbenzene	<0.00201	U	0.101	0.09298		mg/Kg		92	70 - 130	14	35	
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1927		mg/Kg		96	70 - 130	13	35	
o-Xylene	<0.00201	U	0.101	0.09451		mg/Kg		94	70 - 130	13	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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

Lab Sample ID: MB 880-38587/1-A

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38587

	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		11/03/22 08:39	11/03/22 22:42	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 08:39	11/03/22 22:42	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 08:39	11/03/22 22:42	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	88		70 - 130	11/03/22 08:39	11/03/22 22:42	1				
o-Terphenyl	105		70 - 130	11/03/22 08:39	11/03/22 22:42	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-38587/2-A

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38587

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1017		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	946.9		mg/Kg		95	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	82		70 - 130				
o-Terphenyl	96		70 - 130				

Lab Sample ID: LCSD 880-38587/3-A

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 38587

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1113		mg/Kg		111	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1149		mg/Kg		115	70 - 130	19	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	81		70 - 130						
o-Terphenyl	92		70 - 130						

Lab Sample ID: 880-21018-A-1-D MS

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 38587

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	997	1234		mg/Kg		122	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	975.4		mg/Kg		98	70 - 130
Surrogate	%Recovery	MS Qualifier	Limits						
1-Chlorooctane	80		70 - 130						
o-Terphenyl	82		70 - 130						

Lab Sample ID: 880-21018-A-1-E MSD

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 38587

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	999	867.6	F2	mg/Kg		85	70 - 130	35	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	954.1		mg/Kg		96	70 - 130	2	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	80		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-21018-A-1-E MSD

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 38587

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	78		70 - 130

Lab Sample ID: MB 880-38618/1-A

Matrix: Solid

Analysis Batch: 38574

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38618

	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		11/03/22 09:54	11/03/22 10:30	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 09:54	11/03/22 10:30	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 09:54	11/03/22 10:30	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	94		70 - 130				11/03/22 09:54	11/03/22 10:30	1	
<i>o</i> -Terphenyl	89		70 - 130				11/03/22 09:54	11/03/22 10:30	1	

Lab Sample ID: LCS 880-38618/2-A

Matrix: Solid

Analysis Batch: 38574

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38618

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	960.4		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	1064		mg/Kg		106	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	84		70 - 130							
<i>o</i> -Terphenyl	78		70 - 130							

Lab Sample ID: LCSD 880-38618/3-A

Matrix: Solid

Analysis Batch: 38574

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 38618

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1154		mg/Kg		115	70 - 130	18	20
Diesel Range Organics (Over C10-C28)			1000	1247		mg/Kg		125	70 - 130	16	20
			LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	105		70 - 130								
o-Terphenyl	98		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-21089-1 MS

Matrix: Solid

Analysis Batch: 38574

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 38618

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	835.3		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	794.8		mg/Kg		80	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	84		70 - 130						
o-Terphenyl	76		70 - 130						

Lab Sample ID: 880-21089-1 MSD

Matrix: Solid

Analysis Batch: 38574

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 38618

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	726.1		mg/Kg		71	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	664.4	F1	mg/Kg		67	70 - 130	18	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	81		70 - 130								
o-Terphenyl	64	S1-	70 - 130								

Lab Sample ID: MB 880-38619/1-A

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 38619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 09:57	11/03/22 10:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 09:57	11/03/22 10:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 09:57	11/03/22 10:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				11/03/22 09:57	11/03/22 10:30	1
o-Terphenyl	106		70 - 130				11/03/22 09:57	11/03/22 10:30	1

Lab Sample ID: LCS 880-38619/2-A

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	921.9		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	786.4		mg/Kg		79	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-38619/2-A

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 38619

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-38619/3-A

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 38619

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1132		mg/Kg		113	70 - 130	20	20
Diesel Range Organics (Over C10-C28)	1000	792.5		mg/Kg		79	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 880-21089-21 MS

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 38619

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	926.6		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	803.9		mg/Kg		81	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	77		70 - 130

Lab Sample ID: 880-21089-21 MSD

Matrix: Solid

Analysis Batch: 38572

Client Sample ID: CS-21 (2')

Prep Type: Total/NA

Prep Batch: 38619

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	955.0		mg/Kg		93	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	836.3		mg/Kg		84	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	80		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-38526/1-A

Matrix: Solid

Analysis Batch: 38658

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/03/22 19:25	1

Lab Sample ID: LCS 880-38526/2-A

Matrix: Solid

Analysis Batch: 38658

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.5		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-38526/3-A

Matrix: Solid

Analysis Batch: 38658

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	251.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-21089-7 MS

Matrix: Solid

Analysis Batch: 38658

Client Sample ID: CS-7 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	18.6		251	280.6		mg/Kg		105	90 - 110

Lab Sample ID: 880-21089-7 MSD

Matrix: Solid

Analysis Batch: 38658

Client Sample ID: CS-7 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	18.6		251	285.1		mg/Kg		106	90 - 110	2	20

Lab Sample ID: MB 880-38608/1-A

Matrix: Solid

Analysis Batch: 38659

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/03/22 16:06	1

Lab Sample ID: LCS 880-38608/2-A

Matrix: Solid

Analysis Batch: 38659

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	248.0		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-38608/3-A

Matrix: Solid

Analysis Batch: 38659

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	248.6		mg/Kg		99	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-21089-17 MS

Matrix: Solid

Analysis Batch: 38659

Client Sample ID: CS-17 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	74.0		248	320.2		mg/Kg		99	90 - 110		

Lab Sample ID: 880-21089-17 MSD

Matrix: Solid

Analysis Batch: 38659

Client Sample ID: CS-17 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	74.0		248	320.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-21089-27 MS

Matrix: Solid

Analysis Batch: 38659

Client Sample ID: SW-6 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	49.3		249	297.6		mg/Kg		100	90 - 110		

Lab Sample ID: 880-21089-27 MSD

Matrix: Solid

Analysis Batch: 38659

Client Sample ID: SW-6 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	49.3		249	297.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-38609/1-A

Matrix: Solid

Analysis Batch: 38699

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/03/22 19:05	1

Lab Sample ID: LCS 880-38609/2-A

Matrix: Solid

Analysis Batch: 38699

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	257.2		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-38609/3-A

Matrix: Solid

Analysis Batch: 38699

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.0		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-21089-41 MS

Matrix: Solid

Analysis Batch: 38699

Client Sample ID: SW-20 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	83.2		250	330.8		mg/Kg		99	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-21089-41 MSD					Client Sample ID: SW-20 (2')							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 38699												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	83.2		250	330.9		mg/Kg		99	90 - 110	0	20	

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 38429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-38429/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 38433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-38433/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 38577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-1	CS-1 (1.5')	Total/NA	Solid	8021B	38596
880-21089-2	CS-2 (1.5')	Total/NA	Solid	8021B	38596
880-21089-3	CS-3 (1.5')	Total/NA	Solid	8021B	38596
880-21089-4	CS-4 (1.5')	Total/NA	Solid	8021B	38596
880-21089-5	CS-5 (1.5')	Total/NA	Solid	8021B	38596
880-21089-6	CS-6 (2')	Total/NA	Solid	8021B	38596
880-21089-7	CS-7 (2')	Total/NA	Solid	8021B	38596
880-21089-8	CS-8 (2')	Total/NA	Solid	8021B	38596
880-21089-9	CS-9 (1.5')	Total/NA	Solid	8021B	38596
880-21089-10	CS-10 (1.5')	Total/NA	Solid	8021B	38596
880-21089-11	CS-11 (2')	Total/NA	Solid	8021B	38596
880-21089-12	CS-12 (2')	Total/NA	Solid	8021B	38596
880-21089-13	CS-13 (2')	Total/NA	Solid	8021B	38596
880-21089-14	CS-14 (2')	Total/NA	Solid	8021B	38596
880-21089-15	CS-15 (2')	Total/NA	Solid	8021B	38596
880-21089-16	CS-16 (2')	Total/NA	Solid	8021B	38596
880-21089-17	CS-17 (2')	Total/NA	Solid	8021B	38596
880-21089-18	CS-18 (2')	Total/NA	Solid	8021B	38596
880-21089-19	CS-19 (2')	Total/NA	Solid	8021B	38596
880-21089-20	CS-20 (2')	Total/NA	Solid	8021B	38596
MB 880-38433/5-A	Method Blank	Total/NA	Solid	8021B	38433
MB 880-38596/5-A	Method Blank	Total/NA	Solid	8021B	38596
LCS 880-38596/1-A	Lab Control Sample	Total/NA	Solid	8021B	38596
LCSD 880-38596/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38596
880-21089-1 MS	CS-1 (1.5')	Total/NA	Solid	8021B	38596
880-21089-1 MSD	CS-1 (1.5')	Total/NA	Solid	8021B	38596

Analysis Batch: 38578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-41	SW-20 (2')	Total/NA	Solid	8021B	38611
880-21089-42	SW-21 (2')	Total/NA	Solid	8021B	38611
880-21089-43	SW-22 (2')	Total/NA	Solid	8021B	38611
MB 880-38429/5-A	Method Blank	Total/NA	Solid	8021B	38429
MB 880-38611/5-A	Method Blank	Total/NA	Solid	8021B	38611
LCS 880-38611/1-A	Lab Control Sample	Total/NA	Solid	8021B	38611
LCSD 880-38611/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38611
880-21089-41 MS	SW-20 (2')	Total/NA	Solid	8021B	38611
880-21089-41 MSD	SW-20 (2')	Total/NA	Solid	8021B	38611

Prep Batch: 38596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-21089-2	CS-2 (1.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 38596 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-21089-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-21089-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-21089-6	CS-6 (2')	Total/NA	Solid	5035	
880-21089-7	CS-7 (2')	Total/NA	Solid	5035	
880-21089-8	CS-8 (2')	Total/NA	Solid	5035	
880-21089-9	CS-9 (1.5')	Total/NA	Solid	5035	
880-21089-10	CS-10 (1.5')	Total/NA	Solid	5035	
880-21089-11	CS-11 (2')	Total/NA	Solid	5035	
880-21089-12	CS-12 (2')	Total/NA	Solid	5035	
880-21089-13	CS-13 (2')	Total/NA	Solid	5035	
880-21089-14	CS-14 (2')	Total/NA	Solid	5035	
880-21089-15	CS-15 (2')	Total/NA	Solid	5035	
880-21089-16	CS-16 (2')	Total/NA	Solid	5035	
880-21089-17	CS-17 (2')	Total/NA	Solid	5035	
880-21089-18	CS-18 (2')	Total/NA	Solid	5035	
880-21089-19	CS-19 (2')	Total/NA	Solid	5035	
880-21089-20	CS-20 (2')	Total/NA	Solid	5035	
MB 880-38596/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38596/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38596/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-21089-1 MS	CS-1 (1.5')	Total/NA	Solid	5035	
880-21089-1 MSD	CS-1 (1.5')	Total/NA	Solid	5035	

Prep Batch: 38607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-21	CS-21 (2')	Total/NA	Solid	5035	
880-21089-22	SW-1 (1.5')	Total/NA	Solid	5035	
880-21089-23	SW-2 (1.5')	Total/NA	Solid	5035	
880-21089-24	SW-3 (1.5')	Total/NA	Solid	5035	
880-21089-25	SW-4 (0.5')	Total/NA	Solid	5035	
880-21089-26	SW-5 (2')	Total/NA	Solid	5035	
880-21089-27	SW-6 (2')	Total/NA	Solid	5035	
880-21089-28	SW-7 (2')	Total/NA	Solid	5035	
880-21089-29	SW-8 (2')	Total/NA	Solid	5035	
880-21089-30	SW-9 (2')	Total/NA	Solid	5035	
MB 880-38607/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38607/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38607/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-21089-21 MS	CS-21 (2')	Total/NA	Solid	5035	
880-21089-21 MSD	CS-21 (2')	Total/NA	Solid	5035	

Prep Batch: 38611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-41	SW-20 (2')	Total/NA	Solid	5035	
880-21089-42	SW-21 (2')	Total/NA	Solid	5035	
880-21089-43	SW-22 (2')	Total/NA	Solid	5035	
MB 880-38611/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38611/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38611/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-21089-41 MS	SW-20 (2')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 38611 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-41 MSD	SW-20 (2')	Total/NA	Solid	5035	

Analysis Batch: 38694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-21	CS-21 (2')	Total/NA	Solid	8021B	38607
880-21089-22	SW-1 (1.5')	Total/NA	Solid	8021B	38607
880-21089-23	SW-2 (1.5')	Total/NA	Solid	8021B	38607
880-21089-24	SW-3 (1.5')	Total/NA	Solid	8021B	38607
880-21089-25	SW-4 (0.5')	Total/NA	Solid	8021B	38607
880-21089-26	SW-5 (2')	Total/NA	Solid	8021B	38607
880-21089-27	SW-6 (2')	Total/NA	Solid	8021B	38607
880-21089-28	SW-7 (2')	Total/NA	Solid	8021B	38607
880-21089-29	SW-8 (2')	Total/NA	Solid	8021B	38607
880-21089-30	SW-9 (2')	Total/NA	Solid	8021B	38607
MB 880-38607/5-A	Method Blank	Total/NA	Solid	8021B	38607
LCS 880-38607/1-A	Lab Control Sample	Total/NA	Solid	8021B	38607
LCSD 880-38607/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38607
880-21089-21 MS	CS-21 (2')	Total/NA	Solid	8021B	38607
880-21089-21 MSD	CS-21 (2')	Total/NA	Solid	8021B	38607

Prep Batch: 38695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-31	SW-10 (1.5')	Total/NA	Solid	5035	
880-21089-32	SW-11 (1.5')	Total/NA	Solid	5035	
880-21089-33	SW-12 (0.5')	Total/NA	Solid	5035	
880-21089-34	SW-13 (2')	Total/NA	Solid	5035	
880-21089-35	SW-14 (2')	Total/NA	Solid	5035	
880-21089-36	SW-15 (2')	Total/NA	Solid	5035	
880-21089-37	SW-16 (2')	Total/NA	Solid	5035	
880-21089-38	SW-17 (2')	Total/NA	Solid	5035	
880-21089-39	SW-18 (2')	Total/NA	Solid	5035	
880-21089-40	SW-19 (2')	Total/NA	Solid	5035	
MB 880-38695/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38695/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38695/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-21089-31 MS	SW-10 (1.5')	Total/NA	Solid	5035	
880-21089-31 MSD	SW-10 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 38696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-31	SW-10 (1.5')	Total/NA	Solid	8021B	38695
880-21089-32	SW-11 (1.5')	Total/NA	Solid	8021B	38695
880-21089-33	SW-12 (0.5')	Total/NA	Solid	8021B	38695
880-21089-34	SW-13 (2')	Total/NA	Solid	8021B	38695
880-21089-35	SW-14 (2')	Total/NA	Solid	8021B	38695
880-21089-36	SW-15 (2')	Total/NA	Solid	8021B	38695
880-21089-37	SW-16 (2')	Total/NA	Solid	8021B	38695
880-21089-38	SW-17 (2')	Total/NA	Solid	8021B	38695
880-21089-39	SW-18 (2')	Total/NA	Solid	8021B	38695
880-21089-40	SW-19 (2')	Total/NA	Solid	8021B	38695
MB 880-38695/5-A	Method Blank	Total/NA	Solid	8021B	38695

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 38696 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-38695/1-A	Lab Control Sample	Total/NA	Solid	8021B	38695
LCSD 880-38695/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38695
880-21089-31 MS	SW-10 (1.5')	Total/NA	Solid	8021B	38695
880-21089-31 MSD	SW-10 (1.5')	Total/NA	Solid	8021B	38695

Analysis Batch: 38745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-6	CS-6 (2')	Total/NA	Solid	Total BTEX	
880-21089-7	CS-7 (2')	Total/NA	Solid	Total BTEX	
880-21089-8	CS-8 (2')	Total/NA	Solid	Total BTEX	
880-21089-9	CS-9 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-10	CS-10 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-11	CS-11 (2')	Total/NA	Solid	Total BTEX	
880-21089-12	CS-12 (2')	Total/NA	Solid	Total BTEX	
880-21089-13	CS-13 (2')	Total/NA	Solid	Total BTEX	
880-21089-14	CS-14 (2')	Total/NA	Solid	Total BTEX	
880-21089-15	CS-15 (2')	Total/NA	Solid	Total BTEX	
880-21089-16	CS-16 (2')	Total/NA	Solid	Total BTEX	
880-21089-17	CS-17 (2')	Total/NA	Solid	Total BTEX	
880-21089-18	CS-18 (2')	Total/NA	Solid	Total BTEX	
880-21089-19	CS-19 (2')	Total/NA	Solid	Total BTEX	
880-21089-20	CS-20 (2')	Total/NA	Solid	Total BTEX	
880-21089-21	CS-21 (2')	Total/NA	Solid	Total BTEX	
880-21089-22	SW-1 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-23	SW-2 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-24	SW-3 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-25	SW-4 (0.5')	Total/NA	Solid	Total BTEX	
880-21089-26	SW-5 (2')	Total/NA	Solid	Total BTEX	
880-21089-27	SW-6 (2')	Total/NA	Solid	Total BTEX	
880-21089-28	SW-7 (2')	Total/NA	Solid	Total BTEX	
880-21089-29	SW-8 (2')	Total/NA	Solid	Total BTEX	
880-21089-30	SW-9 (2')	Total/NA	Solid	Total BTEX	
880-21089-31	SW-10 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-32	SW-11 (1.5')	Total/NA	Solid	Total BTEX	
880-21089-33	SW-12 (0.5')	Total/NA	Solid	Total BTEX	
880-21089-34	SW-13 (2')	Total/NA	Solid	Total BTEX	
880-21089-35	SW-14 (2')	Total/NA	Solid	Total BTEX	
880-21089-36	SW-15 (2')	Total/NA	Solid	Total BTEX	
880-21089-37	SW-16 (2')	Total/NA	Solid	Total BTEX	
880-21089-38	SW-17 (2')	Total/NA	Solid	Total BTEX	
880-21089-39	SW-18 (2')	Total/NA	Solid	Total BTEX	
880-21089-40	SW-19 (2')	Total/NA	Solid	Total BTEX	
880-21089-41	SW-20 (2')	Total/NA	Solid	Total BTEX	
880-21089-42	SW-21 (2')	Total/NA	Solid	Total BTEX	
880-21089-43	SW-22 (2')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 38572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-21	CS-21 (2')	Total/NA	Solid	8015B NM	38619
880-21089-22	SW-1 (1.5')	Total/NA	Solid	8015B NM	38619
880-21089-23	SW-2 (1.5')	Total/NA	Solid	8015B NM	38619
880-21089-24	SW-3 (1.5')	Total/NA	Solid	8015B NM	38619
880-21089-25	SW-4 (0.5')	Total/NA	Solid	8015B NM	38619
880-21089-26	SW-5 (2')	Total/NA	Solid	8015B NM	38619
880-21089-27	SW-6 (2')	Total/NA	Solid	8015B NM	38619
880-21089-28	SW-7 (2')	Total/NA	Solid	8015B NM	38619
880-21089-29	SW-8 (2')	Total/NA	Solid	8015B NM	38619
880-21089-30	SW-9 (2')	Total/NA	Solid	8015B NM	38619
880-21089-31	SW-10 (1.5')	Total/NA	Solid	8015B NM	38619
880-21089-32	SW-11 (1.5')	Total/NA	Solid	8015B NM	38619
880-21089-33	SW-12 (0.5')	Total/NA	Solid	8015B NM	38619
880-21089-34	SW-13 (2')	Total/NA	Solid	8015B NM	38619
880-21089-35	SW-14 (2')	Total/NA	Solid	8015B NM	38619
880-21089-36	SW-15 (2')	Total/NA	Solid	8015B NM	38619
880-21089-37	SW-16 (2')	Total/NA	Solid	8015B NM	38619
880-21089-38	SW-17 (2')	Total/NA	Solid	8015B NM	38619
880-21089-39	SW-18 (2')	Total/NA	Solid	8015B NM	38619
880-21089-40	SW-19 (2')	Total/NA	Solid	8015B NM	38619
880-21089-41	SW-20 (2')	Total/NA	Solid	8015B NM	38587
880-21089-42	SW-21 (2')	Total/NA	Solid	8015B NM	38587
880-21089-43	SW-22 (2')	Total/NA	Solid	8015B NM	38587
MB 880-38587/1-A	Method Blank	Total/NA	Solid	8015B NM	38587
MB 880-38619/1-A	Method Blank	Total/NA	Solid	8015B NM	38619
LCS 880-38587/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	38587
LCS 880-38619/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	38619
LCSD 880-38587/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	38587
LCSD 880-38619/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	38619
880-21018-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	38587
880-21018-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	38587
880-21089-21 MS	CS-21 (2')	Total/NA	Solid	8015B NM	38619
880-21089-21 MSD	CS-21 (2')	Total/NA	Solid	8015B NM	38619

Analysis Batch: 38574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	38618
880-21089-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	38618
880-21089-3	CS-3 (1.5')	Total/NA	Solid	8015B NM	38618
880-21089-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	38618
880-21089-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	38618
880-21089-6	CS-6 (2')	Total/NA	Solid	8015B NM	38618
880-21089-7	CS-7 (2')	Total/NA	Solid	8015B NM	38618
880-21089-8	CS-8 (2')	Total/NA	Solid	8015B NM	38618
880-21089-9	CS-9 (1.5')	Total/NA	Solid	8015B NM	38618
880-21089-10	CS-10 (1.5')	Total/NA	Solid	8015B NM	38618
880-21089-11	CS-11 (2')	Total/NA	Solid	8015B NM	38618
880-21089-12	CS-12 (2')	Total/NA	Solid	8015B NM	38618
880-21089-13	CS-13 (2')	Total/NA	Solid	8015B NM	38618
880-21089-14	CS-14 (2')	Total/NA	Solid	8015B NM	38618
880-21089-15	CS-15 (2')	Total/NA	Solid	8015B NM	38618

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 38574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-16	CS-16 (2')	Total/NA	Solid	8015B NM	38618
880-21089-17	CS-17 (2')	Total/NA	Solid	8015B NM	38618
880-21089-18	CS-18 (2')	Total/NA	Solid	8015B NM	38618
880-21089-19	CS-19 (2')	Total/NA	Solid	8015B NM	38618
880-21089-20	CS-20 (2')	Total/NA	Solid	8015B NM	38618
MB 880-38618/1-A	Method Blank	Total/NA	Solid	8015B NM	38618
LCS 880-38618/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	38618
LCSD 880-38618/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	38618
880-21089-1 MS	CS-1 (1.5')	Total/NA	Solid	8015B NM	38618
880-21089-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015B NM	38618

Prep Batch: 38587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-41	SW-20 (2')	Total/NA	Solid	8015NM Prep	
880-21089-42	SW-21 (2')	Total/NA	Solid	8015NM Prep	
880-21089-43	SW-22 (2')	Total/NA	Solid	8015NM Prep	
MB 880-38587/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-38587/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-38587/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-21018-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-21018-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 38618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-3	CS-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-6	CS-6 (2')	Total/NA	Solid	8015NM Prep	
880-21089-7	CS-7 (2')	Total/NA	Solid	8015NM Prep	
880-21089-8	CS-8 (2')	Total/NA	Solid	8015NM Prep	
880-21089-9	CS-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-10	CS-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-11	CS-11 (2')	Total/NA	Solid	8015NM Prep	
880-21089-12	CS-12 (2')	Total/NA	Solid	8015NM Prep	
880-21089-13	CS-13 (2')	Total/NA	Solid	8015NM Prep	
880-21089-14	CS-14 (2')	Total/NA	Solid	8015NM Prep	
880-21089-15	CS-15 (2')	Total/NA	Solid	8015NM Prep	
880-21089-16	CS-16 (2')	Total/NA	Solid	8015NM Prep	
880-21089-17	CS-17 (2')	Total/NA	Solid	8015NM Prep	
880-21089-18	CS-18 (2')	Total/NA	Solid	8015NM Prep	
880-21089-19	CS-19 (2')	Total/NA	Solid	8015NM Prep	
880-21089-20	CS-20 (2')	Total/NA	Solid	8015NM Prep	
MB 880-38618/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-38618/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-38618/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-21089-1 MS	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 38619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-21	CS-21 (2')	Total/NA	Solid	8015NM Prep	
880-21089-22	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-23	SW-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-24	SW-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-25	SW-4 (0.5')	Total/NA	Solid	8015NM Prep	
880-21089-26	SW-5 (2')	Total/NA	Solid	8015NM Prep	
880-21089-27	SW-6 (2')	Total/NA	Solid	8015NM Prep	
880-21089-28	SW-7 (2')	Total/NA	Solid	8015NM Prep	
880-21089-29	SW-8 (2')	Total/NA	Solid	8015NM Prep	
880-21089-30	SW-9 (2')	Total/NA	Solid	8015NM Prep	
880-21089-31	SW-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-32	SW-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-21089-33	SW-12 (0.5')	Total/NA	Solid	8015NM Prep	
880-21089-34	SW-13 (2')	Total/NA	Solid	8015NM Prep	
880-21089-35	SW-14 (2')	Total/NA	Solid	8015NM Prep	
880-21089-36	SW-15 (2')	Total/NA	Solid	8015NM Prep	
880-21089-37	SW-16 (2')	Total/NA	Solid	8015NM Prep	
880-21089-38	SW-17 (2')	Total/NA	Solid	8015NM Prep	
880-21089-39	SW-18 (2')	Total/NA	Solid	8015NM Prep	
880-21089-40	SW-19 (2')	Total/NA	Solid	8015NM Prep	
MB 880-38619/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-38619/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-38619/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-21089-21 MS	CS-21 (2')	Total/NA	Solid	8015NM Prep	
880-21089-21 MSD	CS-21 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 38721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-21089-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-21089-3	CS-3 (1.5')	Total/NA	Solid	8015 NM	
880-21089-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-21089-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-21089-6	CS-6 (2')	Total/NA	Solid	8015 NM	
880-21089-7	CS-7 (2')	Total/NA	Solid	8015 NM	
880-21089-8	CS-8 (2')	Total/NA	Solid	8015 NM	
880-21089-9	CS-9 (1.5')	Total/NA	Solid	8015 NM	
880-21089-10	CS-10 (1.5')	Total/NA	Solid	8015 NM	
880-21089-11	CS-11 (2')	Total/NA	Solid	8015 NM	
880-21089-12	CS-12 (2')	Total/NA	Solid	8015 NM	
880-21089-13	CS-13 (2')	Total/NA	Solid	8015 NM	
880-21089-14	CS-14 (2')	Total/NA	Solid	8015 NM	
880-21089-15	CS-15 (2')	Total/NA	Solid	8015 NM	
880-21089-16	CS-16 (2')	Total/NA	Solid	8015 NM	
880-21089-17	CS-17 (2')	Total/NA	Solid	8015 NM	
880-21089-18	CS-18 (2')	Total/NA	Solid	8015 NM	
880-21089-19	CS-19 (2')	Total/NA	Solid	8015 NM	
880-21089-20	CS-20 (2')	Total/NA	Solid	8015 NM	
880-21089-21	CS-21 (2')	Total/NA	Solid	8015 NM	
880-21089-22	SW-1 (1.5')	Total/NA	Solid	8015 NM	
880-21089-23	SW-2 (1.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 38721 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-24	SW-3 (1.5')	Total/NA	Solid	8015 NM	
880-21089-25	SW-4 (0.5')	Total/NA	Solid	8015 NM	
880-21089-26	SW-5 (2')	Total/NA	Solid	8015 NM	
880-21089-27	SW-6 (2')	Total/NA	Solid	8015 NM	
880-21089-28	SW-7 (2')	Total/NA	Solid	8015 NM	
880-21089-29	SW-8 (2')	Total/NA	Solid	8015 NM	
880-21089-30	SW-9 (2')	Total/NA	Solid	8015 NM	
880-21089-31	SW-10 (1.5')	Total/NA	Solid	8015 NM	
880-21089-32	SW-11 (1.5')	Total/NA	Solid	8015 NM	
880-21089-33	SW-12 (0.5')	Total/NA	Solid	8015 NM	
880-21089-34	SW-13 (2')	Total/NA	Solid	8015 NM	
880-21089-35	SW-14 (2')	Total/NA	Solid	8015 NM	
880-21089-36	SW-15 (2')	Total/NA	Solid	8015 NM	
880-21089-37	SW-16 (2')	Total/NA	Solid	8015 NM	
880-21089-38	SW-17 (2')	Total/NA	Solid	8015 NM	
880-21089-39	SW-18 (2')	Total/NA	Solid	8015 NM	
880-21089-40	SW-19 (2')	Total/NA	Solid	8015 NM	
880-21089-41	SW-20 (2')	Total/NA	Solid	8015 NM	
880-21089-42	SW-21 (2')	Total/NA	Solid	8015 NM	
880-21089-43	SW-22 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 38526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-21089-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-21089-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-21089-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
880-21089-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-21089-6	CS-6 (2')	Soluble	Solid	DI Leach	
880-21089-7	CS-7 (2')	Soluble	Solid	DI Leach	
880-21089-8	CS-8 (2')	Soluble	Solid	DI Leach	
880-21089-9	CS-9 (1.5')	Soluble	Solid	DI Leach	
880-21089-10	CS-10 (1.5')	Soluble	Solid	DI Leach	
880-21089-11	CS-11 (2')	Soluble	Solid	DI Leach	
880-21089-12	CS-12 (2')	Soluble	Solid	DI Leach	
880-21089-13	CS-13 (2')	Soluble	Solid	DI Leach	
880-21089-14	CS-14 (2')	Soluble	Solid	DI Leach	
880-21089-15	CS-15 (2')	Soluble	Solid	DI Leach	
880-21089-16	CS-16 (2')	Soluble	Solid	DI Leach	
MB 880-38526/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-38526/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-38526/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-21089-7 MS	CS-7 (2')	Soluble	Solid	DI Leach	
880-21089-7 MSD	CS-7 (2')	Soluble	Solid	DI Leach	

Leach Batch: 38608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-17	CS-17 (2')	Soluble	Solid	DI Leach	
880-21089-18	CS-18 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 38608 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-19	CS-19 (2')	Soluble	Solid	DI Leach	
880-21089-20	CS-20 (2')	Soluble	Solid	DI Leach	
880-21089-21	CS-21 (2')	Soluble	Solid	DI Leach	
880-21089-22	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-21089-23	SW-2 (1.5')	Soluble	Solid	DI Leach	
880-21089-24	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-21089-25	SW-4 (0.5')	Soluble	Solid	DI Leach	
880-21089-26	SW-5 (2')	Soluble	Solid	DI Leach	
880-21089-27	SW-6 (2')	Soluble	Solid	DI Leach	
880-21089-28	SW-7 (2')	Soluble	Solid	DI Leach	
880-21089-29	SW-8 (2')	Soluble	Solid	DI Leach	
880-21089-30	SW-9 (2')	Soluble	Solid	DI Leach	
880-21089-31	SW-10 (1.5')	Soluble	Solid	DI Leach	
880-21089-32	SW-11 (1.5')	Soluble	Solid	DI Leach	
880-21089-33	SW-12 (0.5')	Soluble	Solid	DI Leach	
880-21089-34	SW-13 (2')	Soluble	Solid	DI Leach	
880-21089-35	SW-14 (2')	Soluble	Solid	DI Leach	
880-21089-36	SW-15 (2')	Soluble	Solid	DI Leach	
MB 880-38608/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-38608/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-38608/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-21089-17 MS	CS-17 (2')	Soluble	Solid	DI Leach	
880-21089-17 MSD	CS-17 (2')	Soluble	Solid	DI Leach	
880-21089-27 MS	SW-6 (2')	Soluble	Solid	DI Leach	
880-21089-27 MSD	SW-6 (2')	Soluble	Solid	DI Leach	

Leach Batch: 38609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-37	SW-16 (2')	Soluble	Solid	DI Leach	
880-21089-38	SW-17 (2')	Soluble	Solid	DI Leach	
880-21089-39	SW-18 (2')	Soluble	Solid	DI Leach	
880-21089-40	SW-19 (2')	Soluble	Solid	DI Leach	
880-21089-41	SW-20 (2')	Soluble	Solid	DI Leach	
880-21089-42	SW-21 (2')	Soluble	Solid	DI Leach	
880-21089-43	SW-22 (2')	Soluble	Solid	DI Leach	
MB 880-38609/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-38609/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-38609/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-21089-41 MS	SW-20 (2')	Soluble	Solid	DI Leach	
880-21089-41 MSD	SW-20 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 38658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-1	CS-1 (1.5')	Soluble	Solid	300.0	38526
880-21089-2	CS-2 (1.5')	Soluble	Solid	300.0	38526
880-21089-3	CS-3 (1.5')	Soluble	Solid	300.0	38526
880-21089-4	CS-4 (1.5')	Soluble	Solid	300.0	38526
880-21089-5	CS-5 (1.5')	Soluble	Solid	300.0	38526
880-21089-6	CS-6 (2')	Soluble	Solid	300.0	38526
880-21089-7	CS-7 (2')	Soluble	Solid	300.0	38526
880-21089-8	CS-8 (2')	Soluble	Solid	300.0	38526

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 38658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-9	CS-9 (1.5')	Soluble	Solid	300.0	38526
880-21089-10	CS-10 (1.5')	Soluble	Solid	300.0	38526
880-21089-11	CS-11 (2')	Soluble	Solid	300.0	38526
880-21089-12	CS-12 (2')	Soluble	Solid	300.0	38526
880-21089-13	CS-13 (2')	Soluble	Solid	300.0	38526
880-21089-14	CS-14 (2')	Soluble	Solid	300.0	38526
880-21089-15	CS-15 (2')	Soluble	Solid	300.0	38526
880-21089-16	CS-16 (2')	Soluble	Solid	300.0	38526
MB 880-38526/1-A	Method Blank	Soluble	Solid	300.0	38526
LCS 880-38526/2-A	Lab Control Sample	Soluble	Solid	300.0	38526
LCSD 880-38526/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	38526
880-21089-7 MS	CS-7 (2')	Soluble	Solid	300.0	38526
880-21089-7 MSD	CS-7 (2')	Soluble	Solid	300.0	38526

Analysis Batch: 38659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-17	CS-17 (2')	Soluble	Solid	300.0	38608
880-21089-18	CS-18 (2')	Soluble	Solid	300.0	38608
880-21089-19	CS-19 (2')	Soluble	Solid	300.0	38608
880-21089-20	CS-20 (2')	Soluble	Solid	300.0	38608
880-21089-21	CS-21 (2')	Soluble	Solid	300.0	38608
880-21089-22	SW-1 (1.5')	Soluble	Solid	300.0	38608
880-21089-23	SW-2 (1.5')	Soluble	Solid	300.0	38608
880-21089-24	SW-3 (1.5')	Soluble	Solid	300.0	38608
880-21089-25	SW-4 (0.5')	Soluble	Solid	300.0	38608
880-21089-26	SW-5 (2')	Soluble	Solid	300.0	38608
880-21089-27	SW-6 (2')	Soluble	Solid	300.0	38608
880-21089-28	SW-7 (2')	Soluble	Solid	300.0	38608
880-21089-29	SW-8 (2')	Soluble	Solid	300.0	38608
880-21089-30	SW-9 (2')	Soluble	Solid	300.0	38608
880-21089-31	SW-10 (1.5')	Soluble	Solid	300.0	38608
880-21089-32	SW-11 (1.5')	Soluble	Solid	300.0	38608
880-21089-33	SW-12 (0.5')	Soluble	Solid	300.0	38608
880-21089-34	SW-13 (2')	Soluble	Solid	300.0	38608
880-21089-35	SW-14 (2')	Soluble	Solid	300.0	38608
880-21089-36	SW-15 (2')	Soluble	Solid	300.0	38608
MB 880-38608/1-A	Method Blank	Soluble	Solid	300.0	38608
LCS 880-38608/2-A	Lab Control Sample	Soluble	Solid	300.0	38608
LCSD 880-38608/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	38608
880-21089-17 MS	CS-17 (2')	Soluble	Solid	300.0	38608
880-21089-17 MSD	CS-17 (2')	Soluble	Solid	300.0	38608
880-21089-27 MS	SW-6 (2')	Soluble	Solid	300.0	38608
880-21089-27 MSD	SW-6 (2')	Soluble	Solid	300.0	38608

Analysis Batch: 38699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-37	SW-16 (2')	Soluble	Solid	300.0	38609
880-21089-38	SW-17 (2')	Soluble	Solid	300.0	38609
880-21089-39	SW-18 (2')	Soluble	Solid	300.0	38609
880-21089-40	SW-19 (2')	Soluble	Solid	300.0	38609
880-21089-41	SW-20 (2')	Soluble	Solid	300.0	38609

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QC Association Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 38699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21089-42	SW-21 (2')	Soluble	Solid	300.0	38609
880-21089-43	SW-22 (2')	Soluble	Solid	300.0	38609
MB 880-38609/1-A	Method Blank	Soluble	Solid	300.0	38609
LCS 880-38609/2-A	Lab Control Sample	Soluble	Solid	300.0	38609
LCSD 880-38609/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	38609
880-21089-41 MS	SW-20 (2')	Soluble	Solid	300.0	38609
880-21089-41 MSD	SW-20 (2')	Soluble	Solid	300.0	38609

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-21089-1

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/03/22 22:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 14:01	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 20:30	CH	EET MID

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-21089-2

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/03/22 22:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 15:06	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 20:52	CH	EET MID

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-21089-3

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/03/22 23:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 15:28	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 20:59	CH	EET MID

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-21089-4

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/03/22 23:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-21089-4

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 15:50	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 21:06	CH	EET MID

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-21089-5

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/03/22 23:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 16:12	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 21:13	CH	EET MID

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-21089-6

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 00:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 16:34	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 21:21	CH	EET MID

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-21089-7

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 00:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 16:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-21089-7

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 21:28	CH	EET MID

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-21089-8

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 00:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 17:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 21:49	CH	EET MID

Client Sample ID: CS-9 (1.5')

Lab Sample ID: 880-21089-9

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 01:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 17:39	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 21:57	CH	EET MID

Client Sample ID: CS-10 (1.5')

Lab Sample ID: 880-21089-10

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 18:01	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 22:18	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-11 (2')

Lab Sample ID: 880-21089-11

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 03:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 18:44	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 22:26	CH	EET MID

Client Sample ID: CS-12 (2')

Lab Sample ID: 880-21089-12

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 03:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 19:06	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 22:33	CH	EET MID

Client Sample ID: CS-13 (2')

Lab Sample ID: 880-21089-13

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 19:27	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 22:40	CH	EET MID

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-21089-14

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-14 (2')

Lab Sample ID: 880-21089-14

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 19:49	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 22:47	CH	EET MID

Client Sample ID: CS-15 (2')

Lab Sample ID: 880-21089-15

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 04:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 20:11	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 22:54	CH	EET MID

Client Sample ID: CS-16 (2')

Lab Sample ID: 880-21089-16

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 04:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 20:32	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	38526	11/03/22 12:00	CH	EET MID
Soluble	Analysis	300.0		1			38658	11/03/22 23:02	CH	EET MID

Client Sample ID: CS-17 (2')

Lab Sample ID: 880-21089-17

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 05:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 20:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-17 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 16:21	CH	EET MID

Client Sample ID: CS-18 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 05:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 21:16	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 16:36	CH	EET MID

Client Sample ID: CS-19 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 05:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 21:37	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 16:41	CH	EET MID

Client Sample ID: CS-20 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38596	11/03/22 10:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38577	11/04/22 06:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38618	11/03/22 11:54	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/03/22 21:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 16:46	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: CS-21 (2')

Lab Sample ID: 880-21089-21

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 10:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 14:01	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 16:51	CH	EET MID

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-21089-22

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 11:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 15:06	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 17:05	CH	EET MID

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-21089-23

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 11:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 15:28	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 17:10	CH	EET MID

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-21089-24

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-3 (1.5')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 15:50	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 17:15	CH	EET MID

Client Sample ID: SW-4 (0.5')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 16:12	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 17:20	CH	EET MID

Client Sample ID: SW-5 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 16:34	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 17:25	CH	EET MID

Client Sample ID: SW-6 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 13:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 16:56	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-6 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 17:30	CH	EET MID

Client Sample ID: SW-7 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 17:17	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 17:45	CH	EET MID

Client Sample ID: SW-8 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 17:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 17:50	CH	EET MID

Client Sample ID: SW-9 (2')

Date Collected: 11/02/22 00:00

Date Received: 11/03/22 09:35

Lab Sample ID: 880-21089-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38607	11/03/22 10:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38694	11/04/22 14:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 18:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 18:05	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-10 (1.5')

Lab Sample ID: 880-21089-31

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 11:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 18:44	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 18:10	CH	EET MID

Client Sample ID: SW-11 (1.5')

Lab Sample ID: 880-21089-32

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 11:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 19:06	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 18:15	CH	EET MID

Client Sample ID: SW-12 (0.5')

Lab Sample ID: 880-21089-33

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 11:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 19:27	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 18:20	CH	EET MID

Client Sample ID: SW-13 (2')

Lab Sample ID: 880-21089-34

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 12:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-13 (2')

Lab Sample ID: 880-21089-34

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 19:49	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 18:25	CH	EET MID

Client Sample ID: SW-14 (2')

Lab Sample ID: 880-21089-35

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 12:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 20:11	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 18:30	CH	EET MID

Client Sample ID: SW-15 (2')

Lab Sample ID: 880-21089-36

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 12:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 20:32	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	38608	11/03/22 10:26	CH	EET MID
Soluble	Analysis	300.0		1			38659	11/03/22 18:35	CH	EET MID

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-21089-37

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 13:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 20:54	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-16 (2')

Lab Sample ID: 880-21089-37

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	38609	11/03/22 10:27	CH	EET MID
Soluble	Analysis	300.0		1			38699	11/03/22 20:31	CH	EET MID

Client Sample ID: SW-17 (2')

Lab Sample ID: 880-21089-38

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 21:16	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	38609	11/03/22 10:27	CH	EET MID
Soluble	Analysis	300.0		1			38699	11/03/22 20:36	CH	EET MID

Client Sample ID: SW-18 (2')

Lab Sample ID: 880-21089-39

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 13:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 21:37	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38609	11/03/22 10:27	CH	EET MID
Soluble	Analysis	300.0		1			38699	11/03/22 20:41	CH	EET MID

Client Sample ID: SW-19 (2')

Lab Sample ID: 880-21089-40

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	38695	11/04/22 07:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38696	11/04/22 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 15:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38619	11/03/22 11:57	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/03/22 21:59	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38609	11/03/22 10:27	CH	EET MID
Soluble	Analysis	300.0		1			38699	11/03/22 20:46	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Client Sample ID: SW-20 (2')

Lab Sample ID: 880-21089-41

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	38611	11/03/22 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38578	11/04/22 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 14:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38587	11/03/22 10:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/04/22 01:36	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	38609	11/03/22 10:27	CH	EET MID
Soluble	Analysis	300.0		1			38699	11/03/22 20:51	CH	EET MID

Client Sample ID: SW-21 (2')

Lab Sample ID: 880-21089-42

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38611	11/03/22 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38578	11/04/22 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 14:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38587	11/03/22 10:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/04/22 01:58	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38609	11/03/22 10:27	CH	EET MID
Soluble	Analysis	300.0		1			38699	11/03/22 21:06	CH	EET MID

Client Sample ID: SW-22 (2')

Lab Sample ID: 880-21089-43

Date Collected: 11/02/22 00:00

Matrix: Solid

Date Received: 11/03/22 09:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	38611	11/03/22 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38578	11/04/22 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38745	11/04/22 14:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			38721	11/04/22 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38587	11/03/22 10:00	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38572	11/04/22 02:19	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	38609	11/03/22 10:27	CH	EET MID
Soluble	Analysis	300.0		1			38699	11/03/22 21:11	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
Project/Site: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	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

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: West Fez Frac Pond (08.17.22)

Job ID: 880-21089-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-21089-1	CS-1 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-2	CS-2 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-3	CS-3 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-4	CS-4 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-5	CS-5 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-6	CS-6 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-7	CS-7 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-8	CS-8 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-9	CS-9 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-10	CS-10 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-11	CS-11 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-12	CS-12 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-13	CS-13 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-14	CS-14 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-15	CS-15 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-16	CS-16 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-17	CS-17 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-18	CS-18 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-19	CS-19 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-20	CS-20 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-21	CS-21 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-22	SW-1 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-23	SW-2 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-24	SW-3 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-25	SW-4 (0.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-26	SW-5 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-27	SW-6 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-28	SW-7 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-29	SW-8 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-30	SW-9 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-31	SW-10 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-32	SW-11 (1.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-33	SW-12 (0.5')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-34	SW-13 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-35	SW-14 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-36	SW-15 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-37	SW-16 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-38	SW-17 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-39	SW-18 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-40	SW-19 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-41	SW-20 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-42	SW-21 (2')	Solid	11/02/22 00:00	11/03/22 09:35
880-21089-43	SW-22 (2')	Solid	11/02/22 00:00	11/03/22 09:35

Project Manager	Conner Moehring	Bill to (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City State ZIP	
Phone	(432) 813-6823	Email	

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

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Comments			
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
Mike [Signature]	11/03/02 9:35	[Signature]	

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Work Order No: 210891

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Project Manager	Conner Moehring	Bill to (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	

Work Order Comments			
Program	UST/PST	PRP	Groundfields
State of Project:			
Reporting Level II	☐	Level III	☐
Deliverables	EDD	☐	Adapt
		☐	Other

Project Name	West Fez Frac Pond (08 17 22)		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1137		☐ Routine	☒ Rush													None NO	DI Water H ₂ O		
Project Location	Lea County, New Mexico		Due Date	24 Hrs													Cool Cool	MeOH Me		
Sampler's Name	GPJ																HCL HC	HNO ₃ HN		
PO #																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP			
Received Intact.	Yes No	Thermometer ID															NaHSO ₄ NABIS			
Cooler Custody Seals	Yes No	N/A	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes No	N/A	Temperature Reading														Zn Acetate+NaOH Zn			
Total Containers			Corrected Temperature														NaOH+Ascorbic Acid SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0										
CS-11 (2')		11/2/2022		X		C	1	X	X	X										
CS-12 (2')		11/2/2022		X		C	1	X	X	X										
CS-13 (2')		11/2/2022		X		C	1	X	X	X										
CS-14 (2')		11/2/2022		X		C	1	X	X	X										
CS-15 (2')		11/2/2022		X		C	1	X	X	X										
CS-16 (2')		11/2/2022		X		C	1	X	X	X										
CS-17 (2')		11/2/2022		X		C	1	X	X	X										
CS-18 (2')		11/2/2022		X		C	1	X	X	X										
CS-19 (2')		11/2/2022		X		C	1	X	X	X										
CS-20 (2')		11/2/2022		X		C	1	X	X	X										

Comments

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	11.03.22 935		

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Work Order No: 210889

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Project Manager	Conner Moehring	Bill to (if different)	Carmora Resources
Company Name	Carmora Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone	(432) 813-6823	Email	

Program: UST/PST ☐ PRP ☐ Brownfields ☐ JRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other ☐	

Project Name	West Fez Frac Pond (08 17 22)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	1137		☐ Routine	☒ Rush														None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico		Due Date	24 Hrs														Cool Cool	MeOH Me
Sampler's Name	GPU																HCL HC	HNO ₃ HN	
PO #																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	Well Ice	Yes No													H ₃ PO ₄ HP		
Received Intact	Yes No	Thermometer ID															NaHSO ₄ NABIS		
Cooler Custody Seals	Yes No N/A	Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn		
Total Containers	Corrected Temperature																NaOH+Ascorbic Acid SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
CS-21 (2)	11/2/2022		X		C	1	BTEX 8021B												
SW-1 (1 5)	11/2/2022		X		C	1	TPH 8015M (GRO + DRO + MRO)												
SW-2 (1 5)	11/2/2022		X		C	1	Chloride 300.0												
SW-3 (1 5)	11/2/2022		X		C	1													
SW-4 (0 5)	11/2/2022		X		C	1													
SW-5 (2)	11/2/2022		X		C	1													
SW-6 (2)	11/2/2022		X		C	1													
SW-7 (2)	11/2/2022		X		C	1													
SW-8 (2)	11/2/2022		X		C	1													
SW-9 (2)	11/2/2022		X		C	1													

Comments

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		11/03/22 935			

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Work Order No: 21089

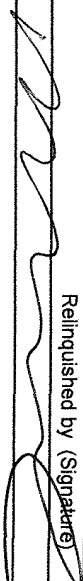
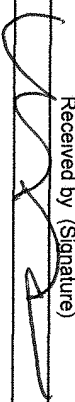
Page 4 of 5

Project Manager	Conner Moehring	Bill to (if different)	Carmona Resources
Company Name	Carmona Resources	Company Name	
Address	310 W Wall St Ste 415	Address	
City, State Zip	Midland, TX 79701	City, State Zip	
Phone	(432) 813-6823	Email	

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

Project Name	West Fez Frac Pond (08 17 22)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	1137	☐ Routine ☒ Rush															None NO	DI Water H ₂ O			
Project Location	Lea County New Mexico		Due Date	24 Hrs													Cool Cool	MeOH Me			
Sampler's Name	GPJ																HCL HC	HNO ₃ HN			
PO #:																	H ₂ SO ₄ H ₂	NaOH Na			
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No		Parameters												H ₃ PO ₄ HP			
	Received Intact.	Yes No	Thermometer ID			BTEX 8021B												NaHSO ₄ NABIS			
	Cooler Custody Seals	Yes No N/A	Correction Factor			TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₃ NaSO ₃			
	Sample Custody Seals	Yes No N/A	Temperature Reading			Chloride 300.0												Zn Acetate+NaOH Zn			
	Total Containers		Corrected Temperature														NaOH+Ascorbic Acid SAPC				
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
SW-10 (1 5')			11/2/2022		X		C	1	X	X	X										
SW-11 (1 5')			11/2/2022		X		C	1	X	X	X										
SW-12 (0 5')			11/2/2022		X		C	1	X	X	X										
SW-13 (2)			11/2/2022		X		C	1	X	X	X										
SW-14 (2)			11/2/2022		X		C	1	X	X	X										
SW-15 (2)			11/2/2022		X		C	1	X	X	X										
SW-16 (2)			11/2/2022		X		C	1	X	X	X										
SW-17 (2)			11/2/2022		X		C	1	X	X	X										
SW-18 (2)			11/2/2022		X		C	1	X	X	X										
SW-19 (2)			11/2/2022		X		C	1	X	X	X										

Comments

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	11.03.22 935		

Work Order Comments	
Program: UST/ST ☐ PRP ☐ Crownfields ☐ IRC ☐ partund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

[illegible]

Date/Time

Released to Imaging: 1/13/2023 12:31:38 PM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-21089-1
SDG Number: Lea County, New Mexico

Login Number: 21089

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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

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

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

CONDITIONS

Action 158337

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 158337
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	1/13/2023