

CARMONA RESOURCES



SITE INFORMATION

Work Plan
Gem to Quijote Lay Flat Line
Lea County, New Mexico
Incident ID: NAPP2326441585
Unit P Sec 35 T25S R32E
32.079807°, -103.637417°

Reuse Water Release
Point of Release: Lay Flat Line in ROW
Release Date: 08/19/23
Volume Released: 20 Barrels of Reuse Water
Volume Recovered: 5 Barrels of Reuse Water

CARMONA RESOURCES



Prepared for:
EOG Resources, Inc
5509 Champions Dr.
Midland, TX 79706

Prepared by:
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Suite 500
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November 10, 2023

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

**Re: Work Plan
Gem to Quijote Lay Flat Line
EOG Resources, Inc
Incident # NAPP2326441585
Site Location: Unit P, S35, T25S, R32E
(Lat 32.079807°, Long -103.637417°)
Lea County, New Mexico**

To whom it may concern:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Gem to Quijote Lay Flat Line. The site is located at 32.079807, -103.637417 within Unit P, S35, T25S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 19, 2023, from a hole developed on a lay flat line headed to the Quijote 2 State Com #101H. It resulted in the release of approximately twenty (20) barrels of reuse water, with five (5) barrels of reuse water recovered. Refer to Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 2.03 miles east of the site in S31, T25S, R33E and was drilled in 2021. The well has a reported depth to groundwater of 280' below ground surface (ft bgs). A copy of the associated Point of Diversion 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

Initial Assessment

On September 25, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. Seventeen (17) sample points and twenty-one (21) horizontal samples

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were advanced to depths ranging from the surface to 3' bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was not achieved due to a dense geological formation ranging from 0.5' to 1.5' bgs. Refer to Table 1.

Horizontal Delineation

All horizontal sample points were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

Trenching Activities

On October 12, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical extent, seventeen (17) trenches were advanced to depths ranging from the surface to 4' bgs within 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.

Vertical Delineation

Vertical delineation was achieved for all trench locations. Refer to Table 1.

5.0 Proposed Work Plan

Based on the analytical data of the detected TPH and chloride concentrations, EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The area of T-16 will be excavated to a depth of 1.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-2 and T-11 will be excavated to a depth of 1.5' below the surface and backfilled with clean material to surface grade.
- The areas of T-1, T-6, T-8, and T-12 will be excavated to a depth of 2.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-7, T-10, T-13, T-15, and T-17 will be excavated to a depth of 2.5'-3.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-3, T-4, T-5, T-9, and T-13 will be excavated to a depth of 3.5-4.0' below the



surface and backfilled with clean material to the surface grade.

- An estimated 3,377 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth.
- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 500 square feet to represent the release area.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade and reseeded with SLO sandy loam (SL), per SLO criteria. See Appendix F for soil survey and seed mixture. The remediation will be implemented 90 days after the work plan is approved.
- Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to safety concerns for the onsite personnel. However, EOG Resources will excavate the impacted soil to the maximum extent possible.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

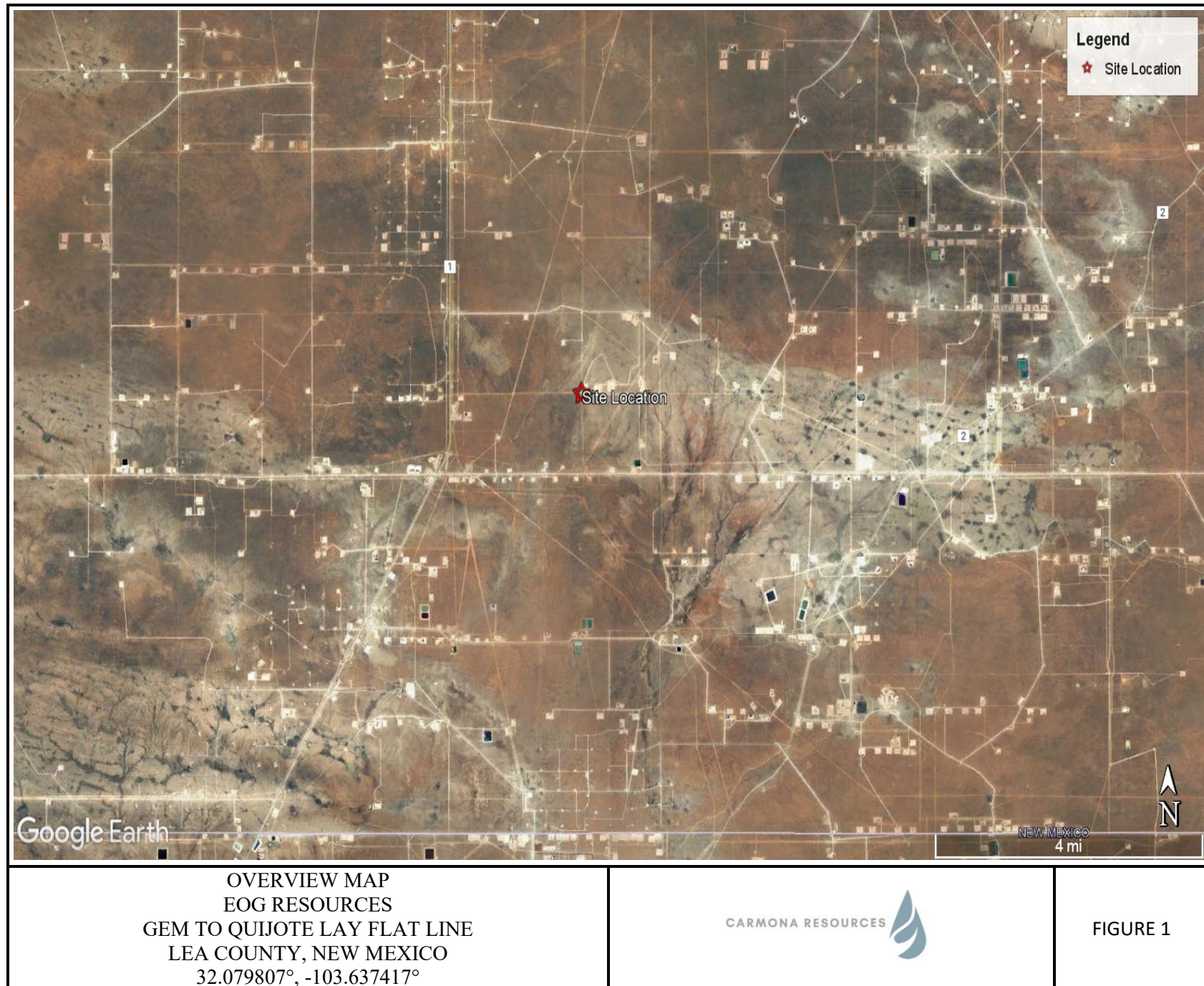
Mike Carmona
Environmental Manager

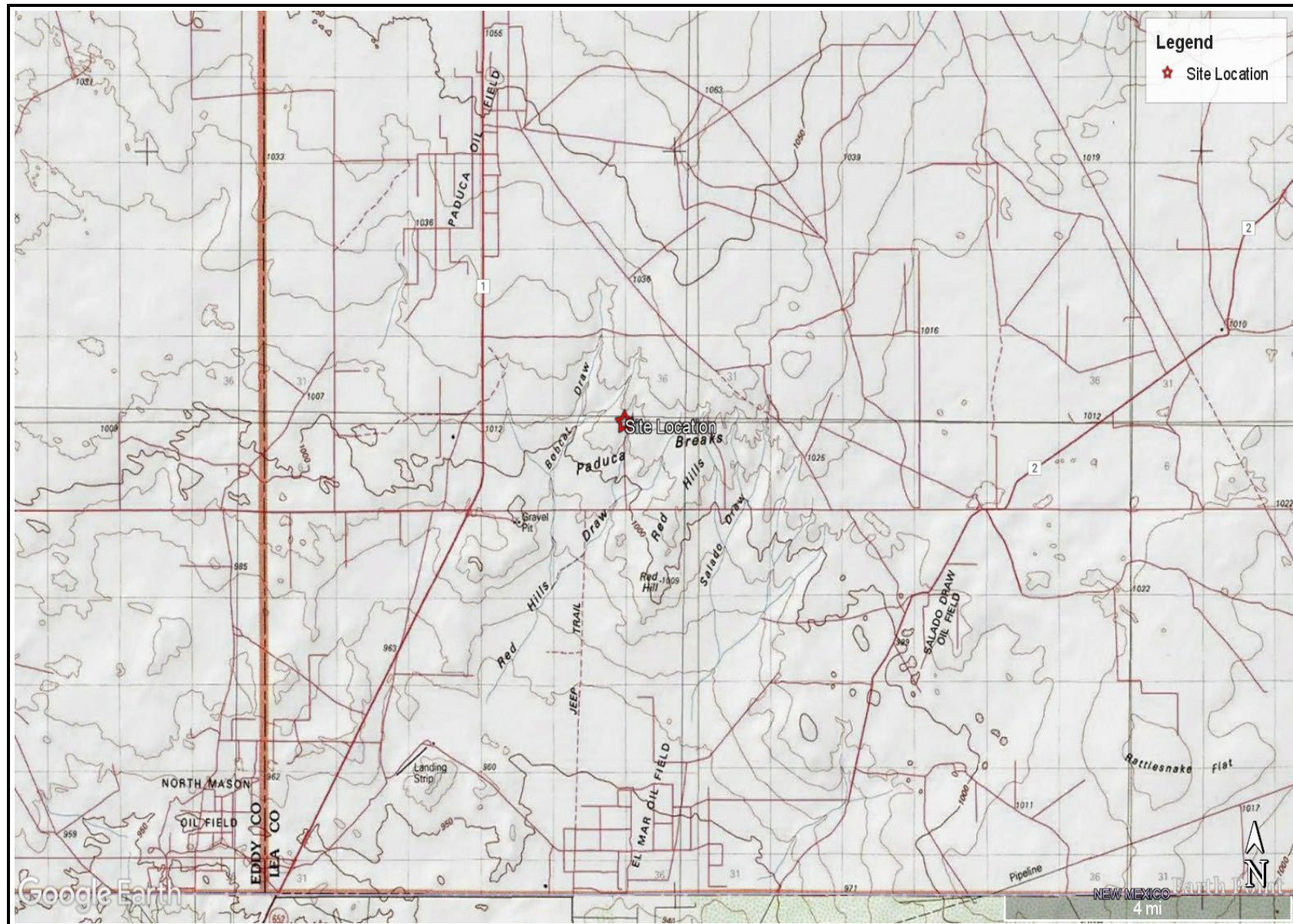
Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



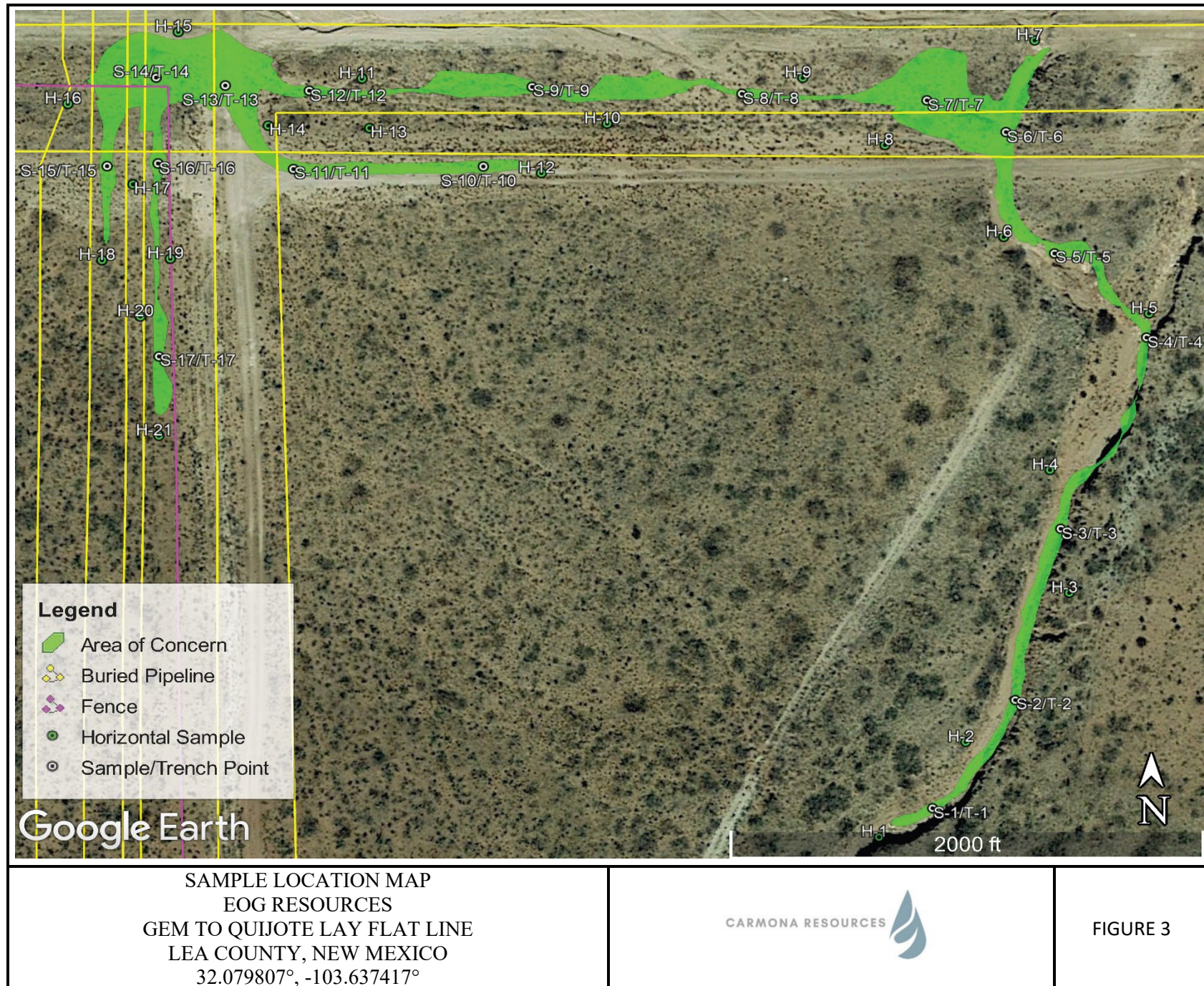


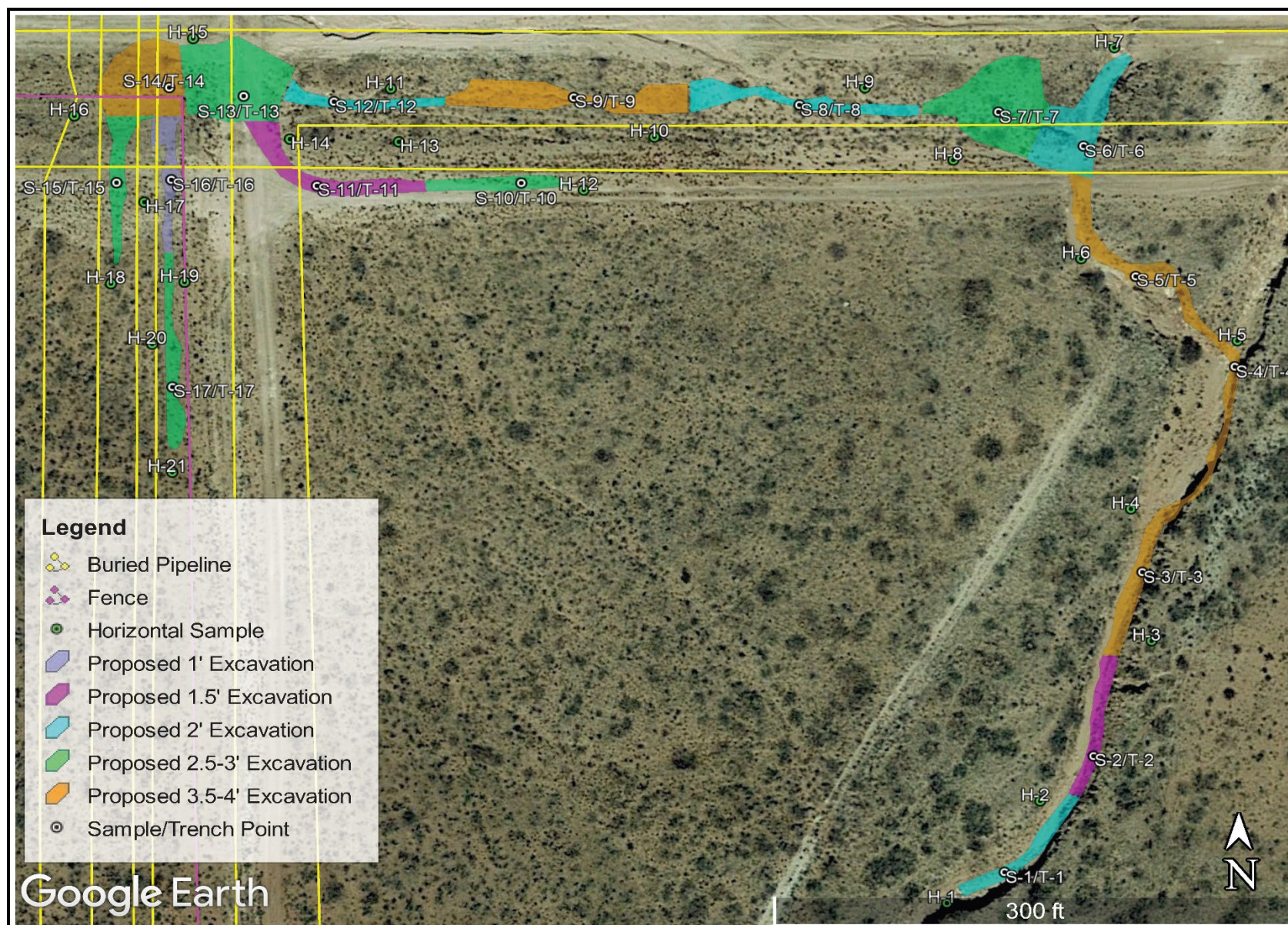


TOPOGRAPHIC MAP
EOG RESOURCES
GEM TO QUIJOTE LAY FLAT LINE
LEA COUNTY, NEW MEXICO
32.079807°, -103.637417°



FIGURE 2





EXCAVATION DEPTH OVERVIEW MAP
EOG RESOURCES
GEM TO QUIJOTE LAY FLAT LINE
LEA COUNTY, NEW MEXICO
32.079807°, -103.637417°



FIGURE 4

APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Gem to Quijote Lay Flat Line
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	9/25/2023	0-0.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,810
T-1	10/12/2023	0-1	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	518
	"	1.5	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	740
	"	2.0	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	94.9
	"	3.0	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	162
	"	4.0	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	147
S-2	9/25/2023	0-1	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,950
T-2	10/12/2023	0-1	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	104
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
	"	2.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	118
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	97.6
	"	4.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	109
S-3	9/25/2023	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	3,820
T-3	10/12/2023	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,220
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	411
	"	2.0	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	533
	"	3.0	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,480
	"	4.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	168
S-4	9/25/2023	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,610
T-4	10/12/2023	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	963
	"	1.5	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	929
	"	2.0	<50.5	56.1	<50.5	56.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	382
	"	3.0	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,000
	"	4.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	237
S-5	9/25/2023	0-0.5	146	61.8	<49.9	208	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	6,320
T-5	10/12/2023	0-1	<50.2	<50.2	<50.2	<50.2	0.00282	<0.00200	<0.00200	0.0108	0.0136	873
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,090
	"	2.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	330
	"	3.0	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,100
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	148
S-6	9/25/2023	0-1	117	60.5	<50.4	178	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,930
T-6	10/12/2023	0-1	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,420
	"	1.5	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	873
	"	2.0	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	263
	"	3.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	343
	"	4.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	108
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

(S) Sample Point

(T) Trench Sample

Proposed Excavation

Table 1
EOG Resources
Gem to Quijote Lay Flat Line
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-7	9/25/2023	0-1	283	76.4	<50.5	359	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,840
	"	1.5	227	63.6	<49.9	291	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	203
	"	2.0	117	61.4	<49.6	178	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	210
T-7	10/12/2023	0-1	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	138
	"	1.5	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	792
	"	2.0	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	6,040
	"	3.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	314
	"	4.0	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	275
S-8	9/25/2023	0-1	124	67.8	<50.0	192	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,010
T-8	10/12/2023	0-1	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	604
	"	1.5	<49.5	<49.5	<49.5	<49.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,480
	"	2.0	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	212
	"	3.0	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	293
	"	4.0	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	98.0
S-9	9/25/2023	0-1	126	71.7	<50.3	198	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,830
	"	1.5	86.3	66.4	<50.2	153	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,520
	"	2.0	165	71.8	<50.1	237	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,040
	"	3.0	57.7	68.5	<50.5	126	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,160
T-9	10/12/2023	0-1	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,300
	"	1.5	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	607
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	141
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	342
	"	4.0	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	117
S-10	9/25/2023	0-1	101	70.8	<49.9	172	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	118
	"	1.5	118	65.7	<49.6	184	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	41.0
	"	2.0	130	71.9	<50.3	202	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	97.9
T-10	10/12/2023	0-1	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	87.7
	"	1.5	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	70.5
	"	2.0	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	71.7
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	83.0
S-11	9/26/2023	0-1	163	70.5	<50.4	234	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,180
T-11	10/12/2023	0-1	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	591
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	429
	"	2.0	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	91.2
	"	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	76.0
	"	4.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	133
S-12	9/26/2023	0-1	111	62.9	<50.0	174	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,890
	"	1.5	123	61.7	<49.9	185	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,080
T-12	10/12/2023	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	89.7
	"	1.5	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	95.3
	"	2.0	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	76.5
	"	3.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.8
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	129
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

(S) Sample Point

(T) Trench Sample

Proposed Excavation

Table 1
EOG Resources
Gem to Quijote Lay Flat Line
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-13	9/26/2023	0-1	152	76.8	<50.1	229	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,980
	"	1.5	89.5	65.6	<50.3	155	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	6,180
	"	2.0	286	79.2	<50.0	365	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,150
T-13	10/12/2023	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	67.9
	"	1.5	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	91.5
	"	2.0	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	83.7
	"	3.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	306
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	63.8
S-14	9/26/2023	0-1	96.4	76.0	<49.9	172	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,720
T-14	10/12/2023	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,000
	"	1.5	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,910
	"	2.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,540
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	928
	"	4.0	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	302
S-15	9/26/2023	0-0.5	111	68.6	<49.6	180	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,260
T-15	10/12/2023	0-1	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	18,200
	"	1.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,430
	"	2.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,100
	"	3.0	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	243
	"	4.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	202
S-16	9/26/2023	0-0.5	123	92.4	<49.5	215	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,000
T-16	10/12/2023	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	102
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	101
	"	2.0	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	86.8
	"	3.0	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	110
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	56.0
S-17	9/26/2023	0-1	159	93.8	<50.3	253	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	350
	"	1.5	74.6	75.4	<50.4	150	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	209
T-17	10/12/2023	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	2,010
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,130
	"	2.0	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,210
	"	3.0	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	238
	"	4.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	199
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

(S) Sample Point

(T) Trench Sample

 Proposed Excavation

Table 1
EOG Resources
Gem to Quijote Lay Flat Line
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	9/25/2023	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	112
H-2	9/25/2023	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	109
H-3	9/25/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	297
H-4	9/25/2023	0-0.5	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	34.2
H-5	9/25/2023	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	105
H-6	9/25/2023	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	124
H-7	9/25/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	44.1
H-8	9/25/2023	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	43.0
H-9	9/25/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	125
H-10	9/25/2023	0-0.5	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	27.7
H-11	9/25/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	31.7
H-12	9/25/2023	0-0.5	<50.2	<50.2	<50.2	<50.2	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	120
H-13	9/25/2023	0-0.5	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	86.0
H-14	9/25/2023	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	124
H-15	9/25/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	110
H-16	9/25/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	230
H-17	9/25/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	162
H-18	9/25/2023	0-0.5	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	119
H-19	9/25/2023	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	408
H-20	9/25/2023	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	118
H-21	9/25/2023	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.6
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

(H) Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View North, area of S-1.



Photograph No. 2

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View North, area of S-2.



Photograph No. 3

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View North, area of S-3.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View Southwest, area of S-4.



Photograph No. 5

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View South, area of S-5.



Photograph No. 6

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View North, area of S-6.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View West, area of S-7.



Photograph No. 8

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View West, area of S-8.



Photograph No. 9

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View West, area of S-9.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 10

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View West, area of S-10.



Photograph No. 11

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View South, area of S-11.



Photograph No. 12

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View East, area of S-12.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 13

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View West, area of S-13.



Photograph No. 14

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View South, area of S-14.



Photograph No. 15

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View West, area of S-15.



PHOTOGRAPHIC LOG

EOG Resources, Inc

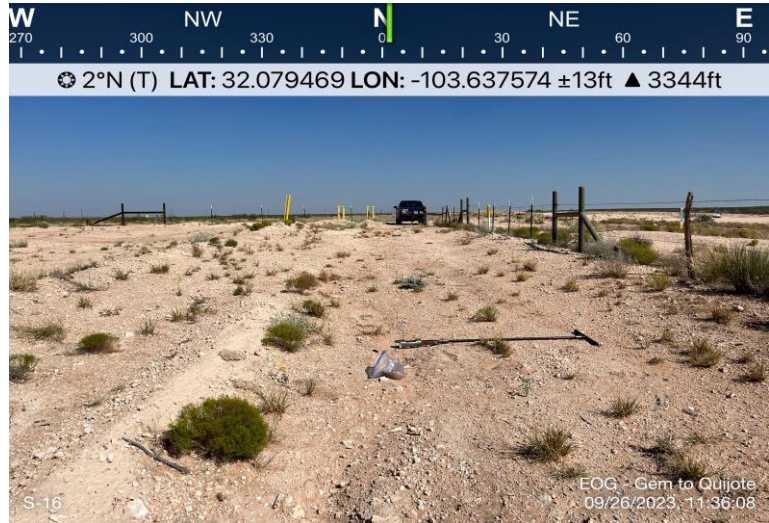
Photograph No. 16

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View North, area of S-16.



Photograph No. 17

Facility: Gem to Quijote Lay Flat Line

County: Lea County, New Mexico

Description:

View North, area of S-17.



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	nAPP2326441585
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2326441585
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.079807° Longitude -103.637417°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gem to Quijote Lay Flat Line	Site Type Reuse Water Lay Flat Line
Date Release Discovered 8/19/23	API# (if applicable) 30-025-51349

Unit Letter	Section	Township	Range	County
P	35	25S	32E	Lea

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Reuse Water	Volume Released (bbls) 20	Volume Recovered (bbls) 5
	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: The lay flat line going to the Quijote 2 State Com #101H developed a hole causing the release of 20 bbls of treated reuse water in the ROW and into the pasture with 5 bbl recovered.

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: <u>Todd Wells</u>	Title: <u>Environmental Specialist</u>
Signature: <u>Todd Wells</u>	Date: <u>9/21/23</u>
email: <u>Todd_Wells@eogresources.com</u>	Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u>	
Received by: <u>Scott Rodgers</u>	Date: <u>09/21/2023</u>

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: Todd Wells Date: 11/16/23

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 11/16/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Todd Wells Date: 11/16/23

email: _____ Telephone: _____

OCD OnlyReceived by: Shelly Wells Date: 11/16/2023☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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 267779

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 267779
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	9/21/2023

APPENDIX D

CARMONA RESOURCES



Nearest water well

EOG Resources

Legend

 0.50 Mile Radius

 2.03 Miles

 2.10 Miles

 2.18 Miles

 Gem to Quijote - Line Spill

 NMSEO Water Well

 USGS Water Well



Medium Karst

EOG Resources

Legend

- Gem to Quijote - Line Spill
- Low
- Medium

Gem to Quijote - Line Spill



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 04485 POD1	CUB	LE		4	1	1	12	26S	32E	629039	3548125	2017	55		
C 04549 POD1	CUB	LE		1	1	1	11	26S	32E	627111	3548316	2316	0	0	0
C 04537 POD1	C	LE		4	4	4	31	25S	33E	631847	3550243	3253	500	280	220

Average Depth to Water: **140 feet**

Minimum Depth: **0 feet**

Maximum Depth: **280 feet**

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 628597

Northing (Y): 3550093.96

Radius: 4000

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

8/24/23 11:57 AM

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 Tws Rng X Y
20E6C	C 04537 POD1	4	4	4	31 25S 33E 631847 3550243 
Driller License:	1706	Driller Company:	ELITE DRILLERS CORPORATION		
Driller Name:	WALLACE, BRYCE J.LEE.NER				
Drill Start Date:	06/11/2021	Drill Finish Date:	06/12/2021	Plug Date:	
Log File Date:	06/21/2021	PCW Rev Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	5 GPM
Casing Size:	4.00	Depth Well:	500 feet	Depth Water:	280 feet
Water Bearing Stratifications:		Top	Bottom	Description	
		220	340	Sandstone/Gravel/Conglomerate	
Casing Perforations:		Top	Bottom		
		300	500		

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8/24/23 11:58 AM

POINT OF DIVERSION SUMMARY



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Geographic Area:
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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320504103361801

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320504103361801 25S.33E.31.24232

Lea County, New Mexico
Latitude 32°05'21.6", Longitude 103°36'12.7" NAD83
Land-surface elevation 3,403.00 feet above NGVD29
The depth of the well is 320 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
1954-07-26			D	62610	3145.45	NGVD29	1	Z		
1954-07-26			D	62611	3147.08	NAVD88	1	Z		
1954-07-26			D	72019	257.55		1	Z		
1970-12-08			D	62610	3162.86	NGVD29	P	Z		
1970-12-08			D	62611	3164.49	NAVD88	P	Z		
1970-12-08			D	72019	240.14		P	Z		
2013-01-16	19:45 UTC	m	62610		3170.04	NGVD29	1	S	USGS	
2013-01-16	19:45 UTC	m	62611		3171.67	NAVD88	1	S	USGS	
2013-01-16	19:45 UTC	m	72019	232.96			1	S	USGS	

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

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

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Page Last Modified: 2022-12-12 08:31:10 EST

0.28 0.23 nadww02



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Data Category:
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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320449103360101

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320449103360101 25S.33E.31.44424

Lea County, New Mexico
Latitude 32°04'49", Longitude 103°36'01" NAD27
Land-surface elevation 3,383 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) 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 of measurement
1981-03-25		D	62610		3189.23	NGVD29	P	Z		
1981-03-25		D	62611		3190.85	NAVD88	P	Z		
1981-03-25		D	72019	192.15			P	Z		
1986-03-18		D	62610		3191.59	NGVD29	1	Z		
1986-03-18		D	62611		3193.21	NAVD88	1	Z		
1986-03-18		D	72019	189.79			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

Section	Code	Description
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?>

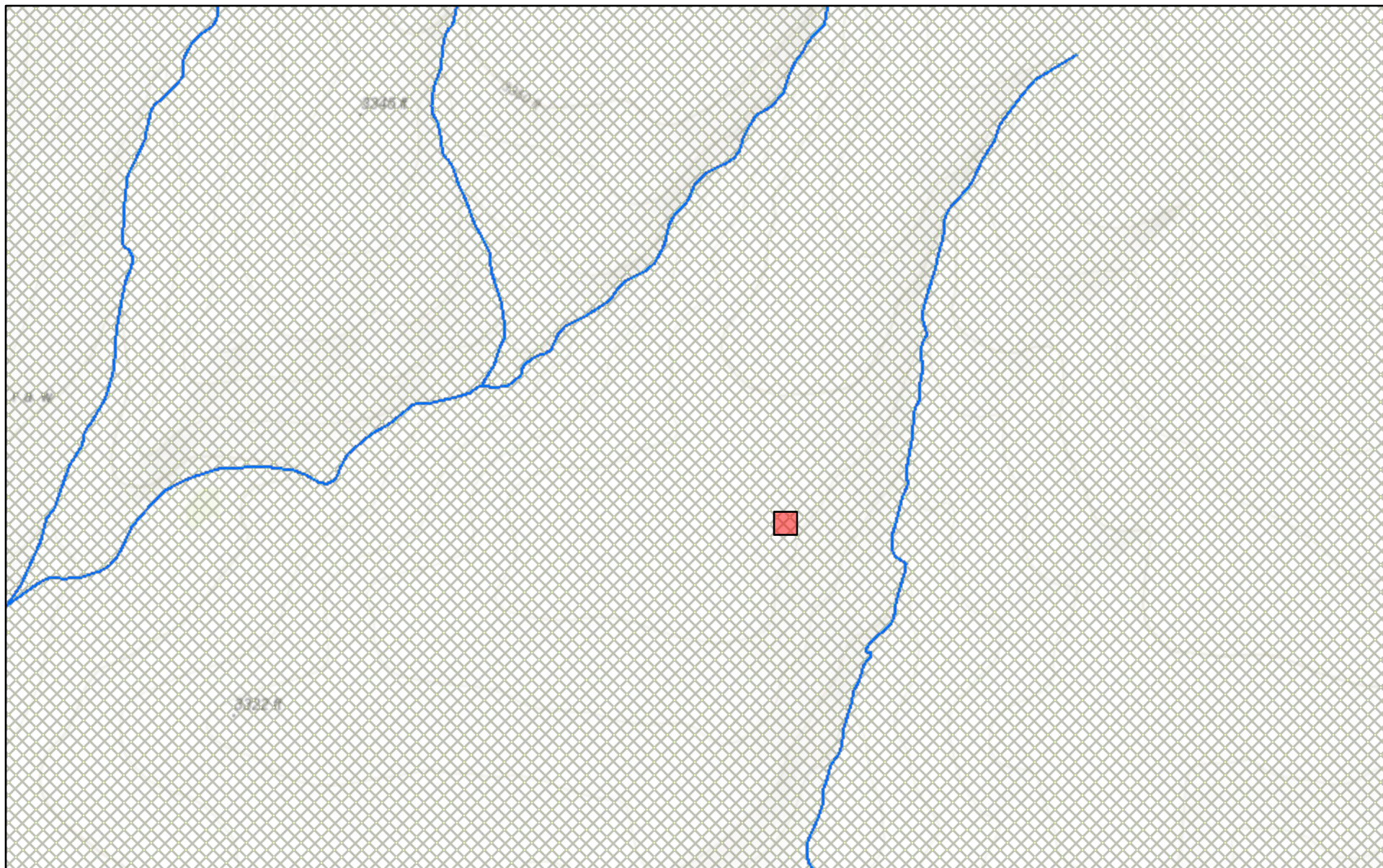


Page Contact Information: [New Mexico Water Data Maintainer](#)

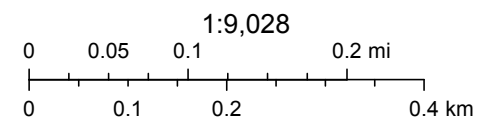
Page Last Modified: 2022-12-12 08:30:12 EST

0.29 0.24 nadww01

New Mexico NFHL Data



August 24, 2023



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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/10/2023 4:53:35 PM Revision 1

JOB DESCRIPTION

Gem to Quijote-Line Spill
SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-33781-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Eurofins Midland

Job Notes

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

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

Authorization



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

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11/10/2023 4:53:35 PM
Revision 1

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Laboratory Job ID: 880-33781-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Job ID: 880-33781-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-33781-1**

REVISION

The report being provided is a revision of the original report sent on 10/2/2023. The report (revision 1) is being revised due to per client email, revised report to include corrected COC.

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

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

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

Receipt

The samples were received on 9/28/2023 2:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -6.9°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-16 (0-0.5') (880-33781-26), S-17 (0-1.0') (880-33781-27), (LCSD 880-63531/2-A) and (890-5357-A-1-G). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-63478 recovered above the upper control limit for Ethylbenzene and o-Xylene. The samples associated with this CCV was ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-3 (0-1.0') (880-33781-3), S-4 (0-0.5') (880-33781-4), S-5 (0-0.5') (880-33781-5), S-6 (0-1.0') (880-33781-6), S-7 (1.5') (880-33781-8) and S-13 (0-1.0') (880-33781-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-63582 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-63557 and analytical batch 880-63582 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-8 (0-1.0') (880-33781-10), S-9 (2.0') (880-33781-13), S-9 (3.0') (880-33781-14), S-10 (1.5') (880-33781-16) and S-10 (2.0') (880-33781-17). 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: S-13 (0-1.0') (880-33781-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-63582 recovered below the lower control limit for Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. An acceptable CCV was ran within the 12 hour window, therefore the data has been

Case Narrative

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Job ID: 880-33781-1 (Continued)

Laboratory: Eurofins Midland (Continued)

qualified and reported. The associated sample is impacted: (CCV 880-63582/114).

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 880-63585 and analytical batch 880-63577 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-15 (0-0.5') (880-33781-25), S-16 (0-0.5') (880-33781-26), S-17 (0-1.0') (880-33781-27), S-17 (1.5') (880-33781-28), (880-33781-A-25-D MS) and (880-33781-A-25-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-63580 and analytical batch 880-63688 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-5 (0-0.5') (880-33781-5), S-6 (0-1.0') (880-33781-6), S-7 (0-1.0') (880-33781-7), S-7 (1.5') (880-33781-8), S-7 (2.0') (880-33781-9), S-8 (0-1.0') (880-33781-10), S-9 (0-1.0') (880-33781-11), S-9 (1.5') (880-33781-12), S-9 (2.0') (880-33781-13), S-9 (3.0') (880-33781-14), S-10 (0-1.0') (880-33781-15), S-10 (1.5') (880-33781-16), S-10 (2.0') (880-33781-17), S-11 (0-1.0') (880-33781-18), S-12 (0-1.0') (880-33781-19), S-12 (1.5') (880-33781-20), S-13 (0-1.0') (880-33781-21), S-13 (1.5') (880-33781-22), S-13 (2.0') (880-33781-23), S-14 (0-1.0') (880-33781-24), (880-33781-A-5-D MS) and (880-33781-A-5-E MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-63546 and analytical batch 880-63664 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 880-63545 and analytical batch 880-63666 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33781-1

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 20:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 20:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 20:39	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	09/30/23 20:39	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/28/23 17:33	09/30/23 20:39	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	09/30/23 20:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	09/28/23 17:33	09/30/23 20:39	1
1,4-Difluorobenzene (Surr)	89		70 - 130	09/28/23 17:33	09/30/23 20:39	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			09/30/23 20:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/30/23 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		09/29/23 08:43	09/30/23 17:10	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/29/23 08:43	09/30/23 17:10	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/29/23 08:43	09/30/23 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	09/29/23 08:43	09/30/23 17:10	1
o-Terphenyl	102		70 - 130	09/29/23 08:43	09/30/23 17:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2810		25.0		mg/Kg			10/02/23 09:18	5

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-33781-2

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 20:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 20:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 20:59	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		09/28/23 17:33	09/30/23 20:59	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		09/28/23 17:33	09/30/23 20:59	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		09/28/23 17:33	09/30/23 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	09/28/23 17:33	09/30/23 20:59	1
1,4-Difluorobenzene (Surr)	81		70 - 130	09/28/23 17:33	09/30/23 20:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-33781-2

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/30/23 20:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/23 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/29/23 08:43	09/30/23 17:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/29/23 08:43	09/30/23 17:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/29/23 08:43	09/30/23 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/29/23 08:43	09/30/23 17:31	1
o-Terphenyl	95		70 - 130				09/29/23 08:43	09/30/23 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1950		25.3		mg/Kg			10/02/23 09:25	5

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-33781-3

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 21:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 21:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 21:20	1
m-Xylene & p-Xylene	<0.00401	U **	0.00401		mg/Kg		09/28/23 17:33	09/30/23 21:20	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		09/28/23 17:33	09/30/23 21:20	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		09/28/23 17:33	09/30/23 21:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				09/28/23 17:33	09/30/23 21:20	1
1,4-Difluorobenzene (Surr)	61	S1-	70 - 130				09/28/23 17:33	09/30/23 21:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/30/23 21:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/23 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 17:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 17:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-33781-3

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				09/29/23 08:43	09/30/23 17:53	1
o-Terphenyl	100		70 - 130				09/29/23 08:43	09/30/23 17:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3820		24.8		mg/Kg			10/02/23 09:31	5

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

Lab Sample ID: 880-33781-4

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 21:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 21:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 21:40	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		09/28/23 17:33	09/30/23 21:40	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		09/28/23 17:33	09/30/23 21:40	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		09/28/23 17:33	09/30/23 21:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/28/23 17:33	09/30/23 21:40	1
1,4-Difluorobenzene (Surr)	56	S1-	70 - 130				09/28/23 17:33	09/30/23 21:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/30/23 21:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			09/30/23 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		09/29/23 08:43	09/30/23 18:15	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/29/23 08:43	09/30/23 18:15	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/29/23 08:43	09/30/23 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				09/29/23 08:43	09/30/23 18:15	1
o-Terphenyl	96		70 - 130				09/29/23 08:43	09/30/23 18:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3610		25.0		mg/Kg			10/02/23 09:38	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33781-5

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 22:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 22:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 22:00	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	09/30/23 22:00	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/28/23 17:33	09/30/23 22:00	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	09/30/23 22:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	09/28/23 17:33	09/30/23 22:00	1
1,4-Difluorobenzene (Surr)	70		70 - 130	09/28/23 17:33	09/30/23 22:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/30/23 22:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	208		49.9		mg/Kg			09/30/23 10:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	146		49.9		mg/Kg		09/29/23 08:48	09/30/23 10:18	1
Diesel Range Organics (Over C10-C28)	61.8		49.9		mg/Kg		09/29/23 08:48	09/30/23 10:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/23 08:48	09/30/23 10:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130	09/29/23 08:48	09/30/23 10:18	1
o-Terphenyl	2	S1-	70 - 130	09/29/23 08:48	09/30/23 10:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6320		49.8		mg/Kg			10/02/23 09:58	10

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-33781-6

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 22:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 22:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 22:21	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		09/28/23 17:33	09/30/23 22:21	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		09/28/23 17:33	09/30/23 22:21	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		09/28/23 17:33	09/30/23 22:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	09/28/23 17:33	09/30/23 22:21	1
1,4-Difluorobenzene (Surr)	49	S1-	70 - 130	09/28/23 17:33	09/30/23 22:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-33781-6

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/30/23 22:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	178		50.4		mg/Kg			09/30/23 11:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	117		50.4		mg/Kg		09/29/23 08:48	09/30/23 11:24	1
Diesel Range Organics (Over C10-C28)	60.5		50.4		mg/Kg		09/29/23 08:48	09/30/23 11:24	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		09/29/23 08:48	09/30/23 11:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 11:24	1
o-Terphenyl	0.8	S1-	70 - 130				09/29/23 08:48	09/30/23 11:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2930		25.2		mg/Kg			10/02/23 10:05	5

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-33781-7

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/28/23 17:33	09/30/23 22:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/28/23 17:33	09/30/23 22:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/28/23 17:33	09/30/23 22:41	1
m-Xylene & p-Xylene	<0.00402	U *	0.00402		mg/Kg		09/28/23 17:33	09/30/23 22:41	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		09/28/23 17:33	09/30/23 22:41	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		09/28/23 17:33	09/30/23 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				09/28/23 17:33	09/30/23 22:41	1
1,4-Difluorobenzene (Surr)	82		70 - 130				09/28/23 17:33	09/30/23 22:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/30/23 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	359		50.5		mg/Kg			09/30/23 11:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	283		50.5		mg/Kg		09/29/23 08:48	09/30/23 11:46	1
Diesel Range Organics (Over C10-C28)	76.4		50.5		mg/Kg		09/29/23 08:48	09/30/23 11:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-33781-7

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/29/23 08:48	09/30/23 11:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 11:46	1
o-Terphenyl	0.9	S1-	70 - 130				09/29/23 08:48	09/30/23 11:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4840		49.5		mg/Kg			10/02/23 10:11	10

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-33781-8

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 23:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 23:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 23:02	1
m-Xylene & p-Xylene	<0.00401	U **	0.00401		mg/Kg		09/28/23 17:33	09/30/23 23:02	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		09/28/23 17:33	09/30/23 23:02	1
Xylenes, Total	<0.00401	U **	0.00401		mg/Kg		09/28/23 17:33	09/30/23 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				09/28/23 17:33	09/30/23 23:02	1
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130				09/28/23 17:33	09/30/23 23:02	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			09/30/23 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	291		49.9		mg/Kg			09/30/23 12:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	227		49.9		mg/Kg		09/29/23 08:48	09/30/23 12:07	1
Diesel Range Organics (Over C10-C28)	63.6		49.9		mg/Kg		09/29/23 08:48	09/30/23 12:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/23 08:48	09/30/23 12:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 12:07	1
o-Terphenyl	0.7	S1-	70 - 130				09/29/23 08:48	09/30/23 12:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	203		5.01		mg/Kg			10/02/23 10:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (2.0')

Lab Sample ID: 880-33781-9

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 23:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 23:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 23:22	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	09/30/23 23:22	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/28/23 17:33	09/30/23 23:22	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	09/30/23 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	09/28/23 17:33	09/30/23 23:22	1
1,4-Difluorobenzene (Surr)	85		70 - 130	09/28/23 17:33	09/30/23 23:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/30/23 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	178		49.6		mg/Kg			09/30/23 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	117		49.6		mg/Kg		09/29/23 08:48	09/30/23 12:29	1
Diesel Range Organics (Over C10-C28)	61.4		49.6		mg/Kg		09/29/23 08:48	09/30/23 12:29	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/29/23 08:48	09/30/23 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130	09/29/23 08:48	09/30/23 12:29	1
o-Terphenyl	0.8	S1-	70 - 130	09/29/23 08:48	09/30/23 12:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	210		4.96		mg/Kg			10/02/23 10:25	1

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-33781-10

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 23:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 23:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	09/30/23 23:42	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	09/30/23 23:42	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/28/23 17:33	09/30/23 23:42	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	09/30/23 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	09/28/23 17:33	09/30/23 23:42	1
1,4-Difluorobenzene (Surr)	58	S1-	70 - 130	09/28/23 17:33	09/30/23 23:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-33781-10

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/30/23 23:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	192		50.0		mg/Kg			09/30/23 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	124		50.0		mg/Kg		09/29/23 08:48	09/30/23 12:51	1
Diesel Range Organics (Over C10-C28)	67.8		50.0		mg/Kg		09/29/23 08:48	09/30/23 12:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/23 08:48	09/30/23 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 12:51	1
o-Terphenyl	0.8	S1-	70 - 130				09/29/23 08:48	09/30/23 12:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3010	F1	25.0		mg/Kg			10/02/23 10:31	5

Client Sample ID: S-9 (0-1.0')

Lab Sample ID: 880-33781-11

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 01:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 01:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 01:04	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		09/28/23 17:33	10/01/23 01:04	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		09/28/23 17:33	10/01/23 01:04	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		09/28/23 17:33	10/01/23 01:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				09/28/23 17:33	10/01/23 01:04	1
1,4-Difluorobenzene (Surr)	71		70 - 130				09/28/23 17:33	10/01/23 01:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/01/23 01:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	198		50.3		mg/Kg			09/30/23 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	126		50.3		mg/Kg		09/29/23 08:48	09/30/23 13:12	1
Diesel Range Organics (Over C10-C28)	71.7		50.3		mg/Kg		09/29/23 08:48	09/30/23 13:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (0-1.0')

Lab Sample ID: 880-33781-11

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/29/23 08:48	09/30/23 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 13:12	1
o-Terphenyl	0.9	S1-	70 - 130				09/29/23 08:48	09/30/23 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3830		24.9		mg/Kg			10/02/23 10:51	5

Client Sample ID: S-9 (1.5')

Lab Sample ID: 880-33781-12

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 01:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 01:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 01:25	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		09/28/23 17:33	10/01/23 01:25	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		09/28/23 17:33	10/01/23 01:25	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		09/28/23 17:33	10/01/23 01:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				09/28/23 17:33	10/01/23 01:25	1
1,4-Difluorobenzene (Surr)	79		70 - 130				09/28/23 17:33	10/01/23 01:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/01/23 01:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	153		50.2		mg/Kg			09/30/23 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	86.3		50.2		mg/Kg		09/29/23 08:48	09/30/23 13:34	1
Diesel Range Organics (Over C10-C28)	66.4		50.2		mg/Kg		09/29/23 08:48	09/30/23 13:34	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		09/29/23 08:48	09/30/23 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 13:34	1
o-Terphenyl	0.8	S1-	70 - 130				09/29/23 08:48	09/30/23 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3520		24.8		mg/Kg			10/02/23 10:58	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (2.0')

Lab Sample ID: 880-33781-13

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 01:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 01:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 01:45	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	10/01/23 01:45	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/28/23 17:33	10/01/23 01:45	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	10/01/23 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	09/28/23 17:33	10/01/23 01:45	1
1,4-Difluorobenzene (Surr)	56	S1-	70 - 130	09/28/23 17:33	10/01/23 01:45	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			10/01/23 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	237		50.1		mg/Kg			09/30/23 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	165		50.1		mg/Kg		09/29/23 08:48	09/30/23 13:56	1
Diesel Range Organics (Over C10-C28)	71.8		50.1		mg/Kg		09/29/23 08:48	09/30/23 13:56	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/29/23 08:48	09/30/23 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130	09/29/23 08:48	09/30/23 13:56	1
o-Terphenyl	1	S1-	70 - 130	09/29/23 08:48	09/30/23 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3040		24.9		mg/Kg			10/02/23 11:18	5

Client Sample ID: S-9 (3.0')

Lab Sample ID: 880-33781-14

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 02:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 02:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 02:05	1
m-Xylene & p-Xylene	<0.00399	U *	0.00399		mg/Kg		09/28/23 17:33	10/01/23 02:05	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		09/28/23 17:33	10/01/23 02:05	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		09/28/23 17:33	10/01/23 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/28/23 17:33	10/01/23 02:05	1
1,4-Difluorobenzene (Surr)	59	S1-	70 - 130	09/28/23 17:33	10/01/23 02:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (3.0')

Lab Sample ID: 880-33781-14

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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			10/01/23 02:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	126		50.5		mg/Kg			09/30/23 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	57.7		50.5		mg/Kg		09/29/23 08:48	09/30/23 14:17	1
Diesel Range Organics (Over C10-C28)	68.5		50.5		mg/Kg		09/29/23 08:48	09/30/23 14:17	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/29/23 08:48	09/30/23 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 14:17	1
o-Terphenyl	0.8	S1-	70 - 130				09/29/23 08:48	09/30/23 14:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1160		4.99		mg/Kg			10/02/23 11:25	1

Client Sample ID: S-10 (0-1.0')

Lab Sample ID: 880-33781-15

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 02:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 02:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 02:26	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	10/01/23 02:26	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/28/23 17:33	10/01/23 02:26	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	10/01/23 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				09/28/23 17:33	10/01/23 02:26	1
1,4-Difluorobenzene (Surr)	87		70 - 130				09/28/23 17:33	10/01/23 02:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/01/23 02:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	172		49.9		mg/Kg			09/30/23 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	101		49.9		mg/Kg		09/29/23 08:48	09/30/23 15:01	1
Diesel Range Organics (Over C10-C28)	70.8		49.9		mg/Kg		09/29/23 08:48	09/30/23 15:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (0-1.0')

Lab Sample ID: 880-33781-15

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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		09/29/23 08:48	09/30/23 15:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 15:01	1
o-Terphenyl	0.9	S1-	70 - 130				09/29/23 08:48	09/30/23 15:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		4.97		mg/Kg			10/02/23 11:31	1

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-33781-16

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 02:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 02:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 02:46	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		09/28/23 17:33	10/01/23 02:46	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		09/28/23 17:33	10/01/23 02:46	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		09/28/23 17:33	10/01/23 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				09/28/23 17:33	10/01/23 02:46	1
1,4-Difluorobenzene (Surr)	50	S1-	70 - 130				09/28/23 17:33	10/01/23 02:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/01/23 02:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	184		49.6		mg/Kg			09/30/23 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	118		49.6		mg/Kg		09/29/23 08:48	09/30/23 15:22	1
Diesel Range Organics (Over C10-C28)	65.7		49.6		mg/Kg		09/29/23 08:48	09/30/23 15:22	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/29/23 08:48	09/30/23 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 15:22	1
o-Terphenyl	0.8	S1-	70 - 130				09/29/23 08:48	09/30/23 15:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.0		5.05		mg/Kg			10/02/23 11:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-33781-17

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 03:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 03:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 03:07	1
m-Xylene & p-Xylene	<0.00401	U *	0.00401		mg/Kg		09/28/23 17:33	10/01/23 03:07	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		09/28/23 17:33	10/01/23 03:07	1
Xylenes, Total	<0.00401	U *	0.00401		mg/Kg		09/28/23 17:33	10/01/23 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	09/28/23 17:33	10/01/23 03:07	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	09/28/23 17:33	10/01/23 03:07	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			10/01/23 03:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	202		50.3		mg/Kg			09/30/23 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	130		50.3		mg/Kg		09/29/23 08:48	09/30/23 15:44	1
Diesel Range Organics (Over C10-C28)	71.9		50.3		mg/Kg		09/29/23 08:48	09/30/23 15:44	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/29/23 08:48	09/30/23 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130	09/29/23 08:48	09/30/23 15:44	1
o-Terphenyl	0.9	S1-	70 - 130	09/29/23 08:48	09/30/23 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.9		4.98		mg/Kg			10/02/23 11:45	1

Client Sample ID: S-11 (0-1.0')

Lab Sample ID: 880-33781-18

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 03:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 03:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 03:27	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	10/01/23 03:27	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/28/23 17:33	10/01/23 03:27	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	10/01/23 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	09/28/23 17:33	10/01/23 03:27	1
1,4-Difluorobenzene (Surr)	85		70 - 130	09/28/23 17:33	10/01/23 03:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-11 (0-1.0')

Lab Sample ID: 880-33781-18

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/01/23 03:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	234		50.4		mg/Kg			09/30/23 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	163		50.4		mg/Kg		09/29/23 08:48	09/30/23 16:06	1
Diesel Range Organics (Over C10-C28)	70.5		50.4		mg/Kg		09/29/23 08:48	09/30/23 16:06	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		09/29/23 08:48	09/30/23 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 16:06	1
o-Terphenyl	0.9	S1-	70 - 130				09/29/23 08:48	09/30/23 16:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2180		25.0		mg/Kg			10/02/23 11:51	5

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-33781-19

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 03:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 03:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:33	10/01/23 03:47	1
m-Xylene & p-Xylene	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	10/01/23 03:47	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		09/28/23 17:33	10/01/23 03:47	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		09/28/23 17:33	10/01/23 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				09/28/23 17:33	10/01/23 03:47	1
1,4-Difluorobenzene (Surr)	85		70 - 130				09/28/23 17:33	10/01/23 03:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/01/23 03:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	174		50.0		mg/Kg			09/30/23 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	111		50.0		mg/Kg		09/29/23 08:48	09/30/23 16:27	1
Diesel Range Organics (Over C10-C28)	62.9		50.0		mg/Kg		09/29/23 08:48	09/30/23 16:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-33781-19

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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		09/29/23 08:48	09/30/23 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 16:27	1
o-Terphenyl	0.8	S1-	70 - 130				09/29/23 08:48	09/30/23 16:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3890		25.0		mg/Kg			10/02/23 11:58	5

Client Sample ID: S-12 (1.5')

Lab Sample ID: 880-33781-20

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 04:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 04:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	10/01/23 04:08	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		09/28/23 17:33	10/01/23 04:08	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		09/28/23 17:33	10/01/23 04:08	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		09/28/23 17:33	10/01/23 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				09/28/23 17:33	10/01/23 04:08	1
1,4-Difluorobenzene (Surr)	72		70 - 130				09/28/23 17:33	10/01/23 04:08	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			10/01/23 04:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	185		49.9		mg/Kg			09/30/23 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	123		49.9		mg/Kg		09/29/23 08:48	09/30/23 16:48	1
Diesel Range Organics (Over C10-C28)	61.7		49.9		mg/Kg		09/29/23 08:48	09/30/23 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/23 08:48	09/30/23 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 16:48	1
o-Terphenyl	0.8	S1-	70 - 130				09/29/23 08:48	09/30/23 16:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		5.00		mg/Kg			10/02/23 08:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-13 (0-1.0')

Lab Sample ID: 880-33781-21

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:34	09/29/23 20:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:34	09/29/23 20:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:34	09/29/23 20:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/28/23 17:34	09/29/23 20:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:34	09/29/23 20:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/28/23 17:34	09/29/23 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	09/28/23 17:34	09/29/23 20:23	1
1,4-Difluorobenzene (Surr)	60	S1-	70 - 130	09/28/23 17:34	09/29/23 20:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/29/23 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	229		50.1		mg/Kg			09/30/23 17:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	152		50.1		mg/Kg		09/29/23 08:48	09/30/23 17:10	1
Diesel Range Organics (Over C10-C28)	76.8		50.1		mg/Kg		09/29/23 08:48	09/30/23 17:10	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/29/23 08:48	09/30/23 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130	09/29/23 08:48	09/30/23 17:10	1
o-Terphenyl	1	S1-	70 - 130	09/29/23 08:48	09/30/23 17:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4980		49.6		mg/Kg			10/02/23 09:10	10

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-33781-22

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:34	09/29/23 13:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:34	09/29/23 13:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:34	09/29/23 13:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/28/23 17:34	09/29/23 13:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:34	09/29/23 13:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/28/23 17:34	09/29/23 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	09/28/23 17:34	09/29/23 13:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130	09/28/23 17:34	09/29/23 13:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-33781-22

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/29/23 13:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	155		50.3		mg/Kg			09/30/23 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	89.5		50.3		mg/Kg		09/29/23 08:48	09/30/23 17:31	1
Diesel Range Organics (Over C10-C28)	65.6		50.3		mg/Kg		09/29/23 08:48	09/30/23 17:31	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/29/23 08:48	09/30/23 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 17:31	1
o-Terphenyl	1	S1-	70 - 130				09/29/23 08:48	09/30/23 17:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6180		50.2		mg/Kg			10/02/23 09:16	10

Client Sample ID: S-13 (2.0')

Lab Sample ID: 880-33781-23

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/28/23 17:34	09/29/23 13:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/28/23 17:34	09/29/23 13:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/28/23 17:34	09/29/23 13:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/28/23 17:34	09/29/23 13:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/28/23 17:34	09/29/23 13:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/28/23 17:34	09/29/23 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				09/28/23 17:34	09/29/23 13:32	1
1,4-Difluorobenzene (Surr)	95		70 - 130				09/28/23 17:34	09/29/23 13:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/29/23 13:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	365		50.0		mg/Kg			09/30/23 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	286		50.0		mg/Kg		09/29/23 08:48	09/30/23 17:53	1
Diesel Range Organics (Over C10-C28)	79.2		50.0		mg/Kg		09/29/23 08:48	09/30/23 17:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-13 (2.0')

Lab Sample ID: 880-33781-23

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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		09/29/23 08:48	09/30/23 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 17:53	1
o-Terphenyl	1	S1-	70 - 130				09/29/23 08:48	09/30/23 17:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5150		49.5		mg/Kg			10/02/23 09:22	10

Client Sample ID: S-14 (0-1.0')

Lab Sample ID: 880-33781-24

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:34	09/29/23 13:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:34	09/29/23 13:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:34	09/29/23 13:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/28/23 17:34	09/29/23 13:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/28/23 17:34	09/29/23 13:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/28/23 17:34	09/29/23 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				09/28/23 17:34	09/29/23 13:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130				09/28/23 17:34	09/29/23 13:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/29/23 13:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	172		49.9		mg/Kg			09/30/23 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	96.4		49.9		mg/Kg		09/29/23 08:48	09/30/23 18:15	1
Diesel Range Organics (Over C10-C28)	76.0		49.9		mg/Kg		09/29/23 08:48	09/30/23 18:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/23 08:48	09/30/23 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	2	S1-	70 - 130				09/29/23 08:48	09/30/23 18:15	1
o-Terphenyl	0.9	S1-	70 - 130				09/29/23 08:48	09/30/23 18:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3720		25.1		mg/Kg			10/02/23 09:28	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33781-25

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/28/23 17:34	09/29/23 14:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/28/23 17:34	09/29/23 14:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/28/23 17:34	09/29/23 14:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/28/23 17:34	09/29/23 14:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/28/23 17:34	09/29/23 14:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/28/23 17:34	09/29/23 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	09/28/23 17:34	09/29/23 14:13	1
1,4-Difluorobenzene (Surr)	90		70 - 130	09/28/23 17:34	09/29/23 14:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/29/23 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	180		49.6		mg/Kg			09/29/23 20:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	111		49.6		mg/Kg		09/29/23 08:52	09/29/23 20:51	1
Diesel Range Organics (Over C10-C28)	68.6		49.6		mg/Kg		09/29/23 08:52	09/29/23 20:51	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/29/23 08:52	09/29/23 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	1	S1-	70 - 130	09/29/23 08:52	09/29/23 20:51	1
o-Terphenyl	0.7	S1-	70 - 130	09/29/23 08:52	09/29/23 20:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		25.0		mg/Kg			10/02/23 09:45	5

Client Sample ID: S-16 (0-0.5')

Lab Sample ID: 880-33781-26

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:02	09/29/23 05:12	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:02	09/29/23 05:12	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:02	09/29/23 05:12	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/28/23 15:02	09/29/23 05:12	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:02	09/29/23 05:12	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/28/23 15:02	09/29/23 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	09/28/23 15:02	09/29/23 05:12	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130	09/28/23 15:02	09/29/23 05:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-16 (0-0.5')

Lab Sample ID: 880-33781-26

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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			09/29/23 05:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	215		49.5		mg/Kg			09/29/23 21:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	123		49.5		mg/Kg		09/29/23 08:52	09/29/23 21:57	1
Diesel Range Organics (Over C10-C28)	92.4		49.5		mg/Kg		09/29/23 08:52	09/29/23 21:57	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		09/29/23 08:52	09/29/23 21:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	1	S1-	70 - 130				09/29/23 08:52	09/29/23 21:57	1
o-Terphenyl	0.8	S1-	70 - 130				09/29/23 08:52	09/29/23 21:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3000		49.9		mg/Kg			10/02/23 09:51	10

Client Sample ID: S-17 (0-1.0')

Lab Sample ID: 880-33781-27

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:02	09/29/23 05:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:02	09/29/23 05:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:02	09/29/23 05:32	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/28/23 15:02	09/29/23 05:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:02	09/29/23 05:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/28/23 15:02	09/29/23 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/28/23 15:02	09/29/23 05:32	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130				09/28/23 15:02	09/29/23 05:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/29/23 05:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	253		50.3		mg/Kg			09/29/23 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	159		50.3		mg/Kg		09/29/23 08:52	09/29/23 22:18	1
Diesel Range Organics (Over C10-C28)	93.8		50.3		mg/Kg		09/29/23 08:52	09/29/23 22:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-17 (0-1.0')

Lab Sample ID: 880-33781-27

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/29/23 08:52	09/29/23 22:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	1	S1-	70 - 130				09/29/23 08:52	09/29/23 22:18	1
o-Terphenyl	0.7	S1-	70 - 130				09/29/23 08:52	09/29/23 22:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	350		4.98		mg/Kg			10/02/23 09:57	1

Client Sample ID: S-17 (1.5')

Lab Sample ID: 880-33781-28

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:02	09/29/23 05:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:02	09/29/23 05:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:02	09/29/23 05:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/28/23 15:02	09/29/23 05:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:02	09/29/23 05:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/28/23 15:02	09/29/23 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				09/28/23 15:02	09/29/23 05:53	1
1,4-Difluorobenzene (Surr)	86		70 - 130				09/28/23 15:02	09/29/23 05:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/29/23 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	150		50.4		mg/Kg			09/29/23 22:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	74.6		50.4		mg/Kg		09/29/23 08:52	09/29/23 22:41	1
Diesel Range Organics (Over C10-C28)	75.4		50.4		mg/Kg		09/29/23 08:52	09/29/23 22:41	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		09/29/23 08:52	09/29/23 22:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	1	S1-	70 - 130				09/29/23 08:52	09/29/23 22:41	1
o-Terphenyl	0.6	S1-	70 - 130				09/29/23 08:52	09/29/23 22:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		5.04		mg/Kg			10/02/23 10:03	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
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)
880-33781-1	S-1 (0-0.5')	79	89
880-33781-1 MS	S-1 (0-0.5')	126	123
880-33781-1 MSD	S-1 (0-0.5')	128	118
880-33781-2	S-2 (0-1.0')	83	81
880-33781-3	S-3 (0-1.0')	91	61 S1-
880-33781-4	S-4 (0-0.5')	90	56 S1-
880-33781-5	S-5 (0-0.5')	83	70
880-33781-6	S-6 (0-1.0')	95	49 S1-
880-33781-7	S-7 (0-1.0')	82	82
880-33781-8	S-7 (1.5')	91	57 S1-
880-33781-9	S-7 (2.0')	83	85
880-33781-10	S-8 (0-1.0')	94	58 S1-
880-33781-11	S-9 (0-1.0')	78	71
880-33781-12	S-9 (1.5')	77	79
880-33781-13	S-9 (2.0')	93	56 S1-
880-33781-14	S-9 (3.0')	92	59 S1-
880-33781-15	S-10 (0-1.0')	80	87
880-33781-16	S-10 (1.5')	95	50 S1-
880-33781-17	S-10 (2.0')	79	68 S1-
880-33781-18	S-11 (0-1.0')	86	85
880-33781-19	S-12 (0-1.0')	79	85
880-33781-20	S-12 (1.5')	85	72
880-33781-21	S-13 (0-1.0')	91	60 S1-
880-33781-21 MS	S-13 (0-1.0')	111	112
880-33781-21 MSD	S-13 (0-1.0')	114	114
880-33781-22	S-13 (1.5')	84	90
880-33781-23	S-13 (2.0')	83	95
880-33781-24	S-14 (0-1.0')	81	92
880-33781-25	S-15 (0-0.5')	82	90
880-33781-26	S-16 (0-0.5')	89	65 S1-
880-33781-27	S-17 (0-1.0')	90	66 S1-
880-33781-28	S-17 (1.5')	79	86
890-5357-A-1-D MS	Matrix Spike	126	109
890-5357-A-1-E MSD	Matrix Spike Duplicate	128	103
LCS 880-63531/1-A	Lab Control Sample	122	92
LCS 880-63557/1-A	Lab Control Sample	127	129
LCS 880-63558/1-A	Lab Control Sample	116	100
LCSD 880-63531/2-A	Lab Control Sample Dup	135 S1+	125
LCSD 880-63557/2-A	Lab Control Sample Dup	125	117
LCSD 880-63558/2-A	Lab Control Sample Dup	113	106
MB 880-63241/5-A	Method Blank	74	86
MB 880-63478/8	Method Blank	70	93
MB 880-63531/5-A	Method Blank	81	80
MB 880-63557/5-A	Method Blank	79	85
MB 880-63558/5-A	Method Blank	73	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-33781-1

Project/Site: Gem to Quijote-Line Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-33780-A-6-D MS	Matrix Spike	111	83
880-33780-A-6-E MSD	Matrix Spike Duplicate	111	83
880-33781-1	S-1 (0-0.5')	121	102
880-33781-2	S-2 (0-1.0')	110	95
880-33781-3	S-3 (0-1.0')	118	100
880-33781-4	S-4 (0-0.5')	113	96
880-33781-5	S-5 (0-0.5')	2 S1-	2 S1-
880-33781-5 MS	S-5 (0-0.5')	28 S1-	13 S1-
880-33781-5 MSD	S-5 (0-0.5')	32 S1-	15 S1-
880-33781-6	S-6 (0-1.0')	2 S1-	0.8 S1-
880-33781-7	S-7 (0-1.0')	2 S1-	0.9 S1-
880-33781-8	S-7 (1.5')	2 S1-	0.7 S1-
880-33781-9	S-7 (2.0')	2 S1-	0.8 S1-
880-33781-10	S-8 (0-1.0')	2 S1-	0.8 S1-
880-33781-11	S-9 (0-1.0')	2 S1-	0.9 S1-
880-33781-12	S-9 (1.5')	2 S1-	0.8 S1-
880-33781-13	S-9 (2.0')	2 S1-	1 S1-
880-33781-14	S-9 (3.0')	2 S1-	0.8 S1-
880-33781-15	S-10 (0-1.0')	2 S1-	0.9 S1-
880-33781-16	S-10 (1.5')	2 S1-	0.8 S1-
880-33781-17	S-10 (2.0')	2 S1-	0.9 S1-
880-33781-18	S-11 (0-1.0')	2 S1-	0.9 S1-
880-33781-19	S-12 (0-1.0')	2 S1-	0.8 S1-
880-33781-20	S-12 (1.5')	2 S1-	0.8 S1-
880-33781-21	S-13 (0-1.0')	2 S1-	1 S1-
880-33781-22	S-13 (1.5')	2 S1-	1 S1-
880-33781-23	S-13 (2.0')	2 S1-	1 S1-
880-33781-24	S-14 (0-1.0')	2 S1-	0.9 S1-
880-33781-25	S-15 (0-0.5')	1 S1-	0.7 S1-
880-33781-25 MS	S-15 (0-0.5')	18 S1-	12 S1-
880-33781-25 MSD	S-15 (0-0.5')	18 S1-	12 S1-
880-33781-26	S-16 (0-0.5')	1 S1-	0.8 S1-
880-33781-27	S-17 (0-1.0')	1 S1-	0.7 S1-
880-33781-28	S-17 (1.5')	1 S1-	0.6 S1-
LCS 880-63580/2-A	Lab Control Sample	99	111
LCS 880-63584/2-A	Lab Control Sample	97	110
LCS 880-63585/2-A	Lab Control Sample	103	119
LCSD 880-63580/3-A	Lab Control Sample Dup	103	109
LCSD 880-63584/3-A	Lab Control Sample Dup	88	99
LCSD 880-63585/3-A	Lab Control Sample Dup	107	116
MB 880-63580/1-A	Method Blank	151 S1+	135 S1+
MB 880-63584/1-A	Method Blank	76	86
MB 880-63585/1-A	Method Blank	163 S1+	158 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-63241/5-A

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63241

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/25/23 15:04	09/30/23 09:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/25/23 15:04	09/30/23 09:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/25/23 15:04	09/30/23 09:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/25/23 15:04	09/30/23 09:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/25/23 15:04	09/30/23 09:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/25/23 15:04	09/30/23 09:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	09/25/23 15:04	09/30/23 09:44	1
1,4-Difluorobenzene (Surr)	86		70 - 130	09/25/23 15:04	09/30/23 09:44	1

Lab Sample ID: MB 880-63478/8

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			09/28/23 11:49	1
Toluene	<0.00200	U	0.00200		mg/Kg			09/28/23 11:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			09/28/23 11:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			09/28/23 11:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			09/28/23 11:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			09/28/23 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130		09/28/23 11:49	1
1,4-Difluorobenzene (Surr)	93		70 - 130		09/28/23 11:49	1

Lab Sample ID: MB 880-63531/5-A

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63531

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/28/23 13:02	09/28/23 22:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	09/28/23 13:02	09/28/23 22:02	1
1,4-Difluorobenzene (Surr)	80		70 - 130	09/28/23 13:02	09/28/23 22:02	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-63531/1-A

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09492		mg/Kg		95	70 - 130
Toluene	0.100	0.1103		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1256		mg/Kg		126	70 - 130
m-Xylene & p-Xylene	0.200	0.2592		mg/Kg		130	70 - 130
o-Xylene	0.100	0.1271		mg/Kg		127	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-63531/2-A

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09682		mg/Kg		97	70 - 130	2	35
Toluene	0.100	0.1077		mg/Kg		108	70 - 130	2	35
Ethylbenzene	0.100	0.1222		mg/Kg		122	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2556		mg/Kg		128	70 - 130	1	35
o-Xylene	0.100	0.1259		mg/Kg		126	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	125		70 - 130

Lab Sample ID: 890-5357-A-1-D MS

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.08885		mg/Kg		89	70 - 130
Toluene	<0.00198	U	0.0996	0.1054		mg/Kg		106	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.1184		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.2387		mg/Kg		120	70 - 130
o-Xylene	<0.00198	U	0.0996	0.1166		mg/Kg		117	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-5357-A-1-E MSD

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.07257		mg/Kg		72	70 - 130	20	35
Toluene	<0.00198	U	0.100	0.09463		mg/Kg		94	70 - 130	11	35
Ethylbenzene	<0.00198	U	0.100	0.1104		mg/Kg		110	70 - 130	7	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-5357-A-1-E MSD

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00396	U	0.200	0.2199		mg/Kg		110	70 - 130	8	35
o-Xylene	<0.00198	U	0.100	0.1092		mg/Kg		109	70 - 130	7	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	128		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

Lab Sample ID: MB 880-63557/5-A

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 20:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 20:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 20:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/28/23 17:33	09/30/23 20:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:33	09/30/23 20:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/28/23 17:33	09/30/23 20:17	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				09/28/23 17:33	09/30/23 20:17	1
1,4-Difluorobenzene (Surr)	85		70 - 130				09/28/23 17:33	09/30/23 20:17	1

Lab Sample ID: LCS 880-63557/1-A

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63557

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	0.1169		mg/Kg		117	70 - 130		
Ethylbenzene	0.100	0.1275		mg/Kg		128	70 - 130		
m-Xylene & p-Xylene	0.200	0.2710	*+	mg/Kg		136	70 - 130		
o-Xylene	0.100	0.1329	*+	mg/Kg		133	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	127		70 - 130						
1,4-Difluorobenzene (Surr)	129		70 - 130						

Lab Sample ID: LCSD 880-63557/2-A

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63557

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09701		mg/Kg		97	70 - 130	9	35
Toluene	0.100	0.1054		mg/Kg		105	70 - 130	10	35
Ethylbenzene	0.100	0.1151		mg/Kg		115	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2412		mg/Kg		121	70 - 130	12	35
o-Xylene	0.100	0.1182		mg/Kg		118	70 - 130	12	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-33781-1 MS

Matrix: Solid

Analysis Batch: 63582

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

Prep Type: Total/NA

Prep Batch: 63557

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.07598		mg/Kg		76	70 - 130
Toluene	<0.00199	U	0.0998	0.08203		mg/Kg		82	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.09293		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00398	U *	0.200	0.1935		mg/Kg		97	70 - 130
o-Xylene	<0.00199	U *	0.0998	0.09691		mg/Kg		97	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-33781-1 MSD

Matrix: Solid

Analysis Batch: 63582

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

Prep Type: Total/NA

Prep Batch: 63557

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.09886		mg/Kg		99	70 - 130	26	35
Toluene	<0.00199	U	0.0996	0.1053		mg/Kg		106	70 - 130	25	35
Ethylbenzene	<0.00199	U	0.0996	0.1168		mg/Kg		117	70 - 130	23	35
m-Xylene & p-Xylene	<0.00398	U *	0.199	0.2421		mg/Kg		122	70 - 130	22	35
o-Xylene	<0.00199	U *	0.0996	0.1184		mg/Kg		119	70 - 130	20	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: MB 880-63558/5-A

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63558

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:34	09/29/23 12:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:34	09/29/23 12:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:34	09/29/23 12:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/28/23 17:34	09/29/23 12:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 17:34	09/29/23 12:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/28/23 17:34	09/29/23 12:09	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	09/28/23 17:34	09/29/23 12:09	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/28/23 17:34	09/29/23 12:09	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-63558/1-A

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09309		mg/Kg		93	70 - 130
Toluene	0.100	0.1017		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1071		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2237		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1092		mg/Kg		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-63558/2-A

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63558

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08640		mg/Kg		86	70 - 130	7	35
Toluene	0.100	0.09433		mg/Kg		94	70 - 130	8	35
Ethylbenzene	0.100	0.09945		mg/Kg		99	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2037		mg/Kg		102	70 - 130	9	35
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-33781-21 MS

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: S-13 (0-1.0')

Prep Type: Total/NA

Prep Batch: 63558

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.09112		mg/Kg		91	70 - 130
Toluene	<0.00199	U	0.0998	0.09748		mg/Kg		98	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.09904		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2023		mg/Kg		101	70 - 130
o-Xylene	<0.00199	U	0.0998	0.09875		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-33781-21 MSD

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: S-13 (0-1.0')

Prep Type: Total/NA

Prep Batch: 63558

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.08458		mg/Kg		85	70 - 130	7	35
Toluene	<0.00199	U	0.0996	0.09083		mg/Kg		91	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.0996	0.09098		mg/Kg		91	70 - 130	8	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33781-21 MSD

Matrix: Solid

Analysis Batch: 63582

Client Sample ID: S-13 (0-1.0')

Prep Type: Total/NA

Prep Batch: 63558

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1885		mg/Kg		95	70 - 130	7	35
o-Xylene	<0.00199	U	0.0996	0.09278		mg/Kg		93	70 - 130	6	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	114		70 - 130								
1,4-Difluorobenzene (Surr)	114		70 - 130								

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

Lab Sample ID: MB 880-63580/1-A

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63580

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 07:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 07:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 07:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130				09/29/23 08:43	09/30/23 07:46	1
o-Terphenyl	135	S1+	70 - 130				09/29/23 08:43	09/30/23 07:46	1

Lab Sample ID: LCS 880-63580/2-A

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63580

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	877.2		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	920.8		mg/Kg		92	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	99		70 - 130						
o-Terphenyl	111		70 - 130						

Lab Sample ID: LCSD 880-63580/3-A

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63580

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	912.6		mg/Kg		91	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	928.9		mg/Kg		93	70 - 130	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-63580/3-A

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63580

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 880-33780-A-6-D MS

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 63580

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1164		mg/Kg		114	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	1065		mg/Kg		103	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	111		70 - 130							
o-Terphenyl	83		70 - 130							

Lab Sample ID: 880-33780-A-6-E MSD

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 63580

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1181		mg/Kg		115	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	1082		mg/Kg		105	70 - 130	2	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	111		70 - 130									
o-Terphenyl	83		70 - 130									

Lab Sample ID: MB 880-63584/1-A

Matrix: Solid

Analysis Batch: 63690

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63584

	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		09/29/23 08:48	09/30/23 07:46	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/23 08:48	09/30/23 07:46	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/23 08:48	09/30/23 07:46	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	76		70 - 130				09/29/23 08:48	09/30/23 07:46	1		
o-Terphenyl	86		70 - 130				09/29/23 08:48	09/30/23 07:46	1		

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-63584/2-A

Matrix: Solid

Analysis Batch: 63690

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63584

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	980.1		mg/Kg		98		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	876.3		mg/Kg		88		70 - 130	

Lab Sample ID: LCSD 880-63584/3-A

Matrix: Solid

Analysis Batch: 63690

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63584

Report Data: 00000											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1096		mg/Kg		110	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	924.3		mg/Kg		92	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	88		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: 880-33781-5 MS

Matrix: Solid

Analysis Batch: 63690

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

Prep Type: Total/NA

Prep Batch: 63584

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	146		1000	871.6		mg/Kg		72	70 - 130		
Diesel Range Organics (Over C10-C28)	61.8		1000	952.3		mg/Kg		89	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	28	S1-	70 - 130								
o-Terphenyl	13	S1-	70 - 130								

Lab Sample ID: 880-33781-5 MSD

Matrix: Solid

Analysis Batch: 63690

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

Prep Type: Total/NA

Prep Batch: 63584

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	146		1000	929.4		mg/Kg	-	78	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	61.8		1000	1092		mg/Kg		103	70 - 130	14	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	32	S1-	70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33781-5 MSD

Matrix: Solid

Analysis Batch: 63690

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

Prep Type: Total/NA

Prep Batch: 63584

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	15	S1-	70 - 130

Lab Sample ID: MB 880-63585/1-A

Matrix: Solid

Analysis Batch: 63577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63585

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/23 08:52	09/29/23 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/23 08:52	09/29/23 19:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/23 08:52	09/29/23 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130				09/29/23 08:52	09/29/23 19:45	1
<i>o</i> -Terphenyl	158	S1+	70 - 130				09/29/23 08:52	09/29/23 19:45	1

Lab Sample ID: LCS 880-63585/2-A

Matrix: Solid

Analysis Batch: 63577

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	967.6		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	996.4		mg/Kg		100	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane	103		70 - 130				
<i>o</i> -Terphenyl	119		70 - 130				

Lab Sample ID: LCSD 880-63585/3-A

Matrix: Solid

Analysis Batch: 63577

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63585

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1122		mg/Kg		112	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	1001		mg/Kg		100	70 - 130	0	20
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	107		70 - 130						
<i>o</i> -Terphenyl	116		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33781-25 MS

Matrix: Solid

Analysis Batch: 63577

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

Prep Type: Total/NA

Prep Batch: 63585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	111		991	1363		mg/Kg		126	70 - 130
Diesel Range Organics (Over C10-C28)	68.6		991	1284		mg/Kg		123	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	18	S1-	70 - 130						
o-Terphenyl	12	S1-	70 - 130						

Lab Sample ID: 880-33781-25 MSD

Matrix: Solid

Analysis Batch: 63577

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

Prep Type: Total/NA

Prep Batch: 63585

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	111		991	1368		mg/Kg		127	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	68.6		991	1290		mg/Kg		123	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	18	S1-	70 - 130								
o-Terphenyl	12	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-63546/1-A

Matrix: Solid

Analysis Batch: 63664

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			10/02/23 08:32	1

Lab Sample ID: LCS 880-63546/2-A

Matrix: Solid

Analysis Batch: 63664

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.6		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-63546/3-A

Matrix: Solid

Analysis Batch: 63664

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	241.2		mg/Kg		96	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-33781-20 MS

Matrix: Solid

Analysis Batch: 63664

Client Sample ID: S-12 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1080		250	1271	4	mg/Kg		78	90 - 110

Lab Sample ID: 880-33781-20 MSD

Matrix: Solid

Analysis Batch: 63664

Client Sample ID: S-12 (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	1080		250	1270	4	mg/Kg		78	90 - 110	0	20

Lab Sample ID: MB 880-63545/1-A

Matrix: Solid

Analysis Batch: 63666

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			10/02/23 08:34	1

Lab Sample ID: LCS 880-63545/2-A

Matrix: Solid

Analysis Batch: 63666

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	242.9		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-63545/3-A

Matrix: Solid

Analysis Batch: 63666

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	242.8		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-33781-10 MS

Matrix: Solid

Analysis Batch: 63666

Client Sample ID: S-8 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3010	F1	1250	4415	F1	mg/Kg		113	90 - 110

Lab Sample ID: 880-33781-10 MSD

Matrix: Solid

Analysis Batch: 63666

Client Sample ID: S-8 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3010	F1	1250	4417	F1	mg/Kg		113	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 63241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-63241/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 63478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-26	S-16 (0-0.5')	Total/NA	Solid	8021B	63531
880-33781-27	S-17 (0-1.0')	Total/NA	Solid	8021B	63531
880-33781-28	S-17 (1.5')	Total/NA	Solid	8021B	63531
MB 880-63478/8	Method Blank	Total/NA	Solid	8021B	
MB 880-63531/5-A	Method Blank	Total/NA	Solid	8021B	63531
LCS 880-63531/1-A	Lab Control Sample	Total/NA	Solid	8021B	63531
LCSD 880-63531/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	63531
890-5357-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	63531
890-5357-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	63531

Prep Batch: 63531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-26	S-16 (0-0.5')	Total/NA	Solid	5035	
880-33781-27	S-17 (0-1.0')	Total/NA	Solid	5035	
880-33781-28	S-17 (1.5')	Total/NA	Solid	5035	
MB 880-63531/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-63531/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-63531/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5357-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-5357-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 63557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1	S-1 (0-0.5')	Total/NA	Solid	5035	
880-33781-2	S-2 (0-1.0')	Total/NA	Solid	5035	
880-33781-3	S-3 (0-1.0')	Total/NA	Solid	5035	
880-33781-4	S-4 (0-0.5')	Total/NA	Solid	5035	
880-33781-5	S-5 (0-0.5')	Total/NA	Solid	5035	
880-33781-6	S-6 (0-1.0')	Total/NA	Solid	5035	
880-33781-7	S-7 (0-1.0')	Total/NA	Solid	5035	
880-33781-8	S-7 (1.5')	Total/NA	Solid	5035	
880-33781-9	S-7 (2.0')	Total/NA	Solid	5035	
880-33781-10	S-8 (0-1.0')	Total/NA	Solid	5035	
880-33781-11	S-9 (0-1.0')	Total/NA	Solid	5035	
880-33781-12	S-9 (1.5')	Total/NA	Solid	5035	
880-33781-13	S-9 (2.0')	Total/NA	Solid	5035	
880-33781-14	S-9 (3.0')	Total/NA	Solid	5035	
880-33781-15	S-10 (0-1.0')	Total/NA	Solid	5035	
880-33781-16	S-10 (1.5')	Total/NA	Solid	5035	
880-33781-17	S-10 (2.0')	Total/NA	Solid	5035	
880-33781-18	S-11 (0-1.0')	Total/NA	Solid	5035	
880-33781-19	S-12 (0-1.0')	Total/NA	Solid	5035	
880-33781-20	S-12 (1.5')	Total/NA	Solid	5035	
MB 880-63557/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-63557/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-63557/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-33781-1 MS	S-1 (0-0.5')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 63557 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1 MSD	S-1 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 63558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-21	S-13 (0-1.0')	Total/NA	Solid	5035	
880-33781-22	S-13 (1.5')	Total/NA	Solid	5035	
880-33781-23	S-13 (2.0')	Total/NA	Solid	5035	
880-33781-24	S-14 (0-1.0')	Total/NA	Solid	5035	
880-33781-25	S-15 (0-0.5')	Total/NA	Solid	5035	
MB 880-63558/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-63558/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-63558/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-33781-21 MS	S-13 (0-1.0')	Total/NA	Solid	5035	
880-33781-21 MSD	S-13 (0-1.0')	Total/NA	Solid	5035	

Analysis Batch: 63582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1	S-1 (0-0.5')	Total/NA	Solid	8021B	63557
880-33781-2	S-2 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-3	S-3 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-4	S-4 (0-0.5')	Total/NA	Solid	8021B	63557
880-33781-5	S-5 (0-0.5')	Total/NA	Solid	8021B	63557
880-33781-6	S-6 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-7	S-7 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-8	S-7 (1.5')	Total/NA	Solid	8021B	63557
880-33781-9	S-7 (2.0')	Total/NA	Solid	8021B	63557
880-33781-10	S-8 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-11	S-9 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-12	S-9 (1.5')	Total/NA	Solid	8021B	63557
880-33781-13	S-9 (2.0')	Total/NA	Solid	8021B	63557
880-33781-14	S-9 (3.0')	Total/NA	Solid	8021B	63557
880-33781-15	S-10 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-16	S-10 (1.5')	Total/NA	Solid	8021B	63557
880-33781-17	S-10 (2.0')	Total/NA	Solid	8021B	63557
880-33781-18	S-11 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-19	S-12 (0-1.0')	Total/NA	Solid	8021B	63557
880-33781-20	S-12 (1.5')	Total/NA	Solid	8021B	63557
880-33781-21	S-13 (0-1.0')	Total/NA	Solid	8021B	63558
880-33781-22	S-13 (1.5')	Total/NA	Solid	8021B	63558
880-33781-23	S-13 (2.0')	Total/NA	Solid	8021B	63558
880-33781-24	S-14 (0-1.0')	Total/NA	Solid	8021B	63558
880-33781-25	S-15 (0-0.5')	Total/NA	Solid	8021B	63558
MB 880-63241/5-A	Method Blank	Total/NA	Solid	8021B	63241
MB 880-63557/5-A	Method Blank	Total/NA	Solid	8021B	63557
MB 880-63558/5-A	Method Blank	Total/NA	Solid	8021B	63558
LCS 880-63557/1-A	Lab Control Sample	Total/NA	Solid	8021B	63557
LCS 880-63558/1-A	Lab Control Sample	Total/NA	Solid	8021B	63558
LCSD 880-63557/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	63557
LCSD 880-63558/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	63558
880-33781-1 MS	S-1 (0-0.5')	Total/NA	Solid	8021B	63557
880-33781-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8021B	63557

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 63582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-21 MS	S-13 (0-1.0')	Total/NA	Solid	8021B	63558
880-33781-21 MSD	S-13 (0-1.0')	Total/NA	Solid	8021B	63558

Analysis Batch: 63648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1	S-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33781-2	S-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-3	S-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-4	S-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33781-5	S-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33781-6	S-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-7	S-7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-8	S-7 (1.5')	Total/NA	Solid	Total BTEX	
880-33781-9	S-7 (2.0')	Total/NA	Solid	Total BTEX	
880-33781-10	S-8 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-11	S-9 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-12	S-9 (1.5')	Total/NA	Solid	Total BTEX	
880-33781-13	S-9 (2.0')	Total/NA	Solid	Total BTEX	
880-33781-14	S-9 (3.0')	Total/NA	Solid	Total BTEX	
880-33781-15	S-10 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-16	S-10 (1.5')	Total/NA	Solid	Total BTEX	
880-33781-17	S-10 (2.0')	Total/NA	Solid	Total BTEX	
880-33781-18	S-11 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-19	S-12 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-20	S-12 (1.5')	Total/NA	Solid	Total BTEX	
880-33781-21	S-13 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-22	S-13 (1.5')	Total/NA	Solid	Total BTEX	
880-33781-23	S-13 (2.0')	Total/NA	Solid	Total BTEX	
880-33781-24	S-14 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-25	S-15 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33781-26	S-16 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33781-27	S-17 (0-1.0')	Total/NA	Solid	Total BTEX	
880-33781-28	S-17 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 63577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-25	S-15 (0-0.5')	Total/NA	Solid	8015B NM	63585
880-33781-26	S-16 (0-0.5')	Total/NA	Solid	8015B NM	63585
880-33781-27	S-17 (0-1.0')	Total/NA	Solid	8015B NM	63585
880-33781-28	S-17 (1.5')	Total/NA	Solid	8015B NM	63585
MB 880-63585/1-A	Method Blank	Total/NA	Solid	8015B NM	63585
LCS 880-63585/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	63585
LCSD 880-63585/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	63585
880-33781-25 MS	S-15 (0-0.5')	Total/NA	Solid	8015B NM	63585
880-33781-25 MSD	S-15 (0-0.5')	Total/NA	Solid	8015B NM	63585

Prep Batch: 63580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 63580 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-2	S-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-3	S-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-4	S-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-63580/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-63580/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-63580/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-33780-A-6-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-33780-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 63584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-5	S-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33781-6	S-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-7	S-7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-8	S-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-33781-9	S-7 (2.0')	Total/NA	Solid	8015NM Prep	
880-33781-10	S-8 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-11	S-9 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-12	S-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-33781-13	S-9 (2.0')	Total/NA	Solid	8015NM Prep	
880-33781-14	S-9 (3.0')	Total/NA	Solid	8015NM Prep	
880-33781-15	S-10 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-16	S-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-33781-17	S-10 (2.0')	Total/NA	Solid	8015NM Prep	
880-33781-18	S-11 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-19	S-12 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-20	S-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-33781-21	S-13 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-22	S-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-33781-23	S-13 (2.0')	Total/NA	Solid	8015NM Prep	
880-33781-24	S-14 (0-1.0')	Total/NA	Solid	8015NM Prep	
MB 880-63584/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-63584/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-63584/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-33781-5 MS	S-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33781-5 MSD	S-5 (0-0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 63585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-25	S-15 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33781-26	S-16 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33781-27	S-17 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-33781-28	S-17 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-63585/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-63585/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-63585/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-33781-25 MS	S-15 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33781-25 MSD	S-15 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 63688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1	S-1 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33781-2	S-2 (0-1.0')	Total/NA	Solid	8015B NM	63580
880-33781-3	S-3 (0-1.0')	Total/NA	Solid	8015B NM	63580
880-33781-4	S-4 (0-0.5')	Total/NA	Solid	8015B NM	63580
MB 880-63580/1-A	Method Blank	Total/NA	Solid	8015B NM	63580
LCS 880-63580/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	63580
LCSD 880-63580/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	63580
880-33780-A-6-D MS	Matrix Spike	Total/NA	Solid	8015B NM	63580
880-33780-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	63580

Analysis Batch: 63690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-5	S-5 (0-0.5')	Total/NA	Solid	8015B NM	63584
880-33781-6	S-6 (0-1.0')	Total/NA	Solid	8015B NM	63584
880-33781-7	S-7 (0-1.0')	Total/NA	Solid	8015B NM	63584
880-33781-8	S-7 (1.5')	Total/NA	Solid	8015B NM	63584
880-33781-9	S-7 (2.0')	Total/NA	Solid	8015B NM	63584
880-33781-10	S-8 (0-1.0')	Total/NA	Solid	8015B NM	63584
880-33781-11	S-9 (0-1.0')	Total/NA	Solid	8015B NM	63584
880-33781-12	S-9 (1.5')	Total/NA	Solid	8015B NM	63584
880-33781-13	S-9 (2.0')	Total/NA	Solid	8015B NM	63584
880-33781-14	S-9 (3.0')	Total/NA	Solid	8015B NM	63584
880-33781-15	S-10 (0-1.0')	Total/NA	Solid	8015B NM	63584
880-33781-16	S-10 (1.5')	Total/NA	Solid	8015B NM	63584
880-33781-17	S-10 (2.0')	Total/NA	Solid	8015B NM	63584
880-33781-18	S-11 (0-1.0')	Total/NA	Solid	8015B NM	63584
880-33781-19	S-12 (0-1.0')	Total/NA	Solid	8015B NM	63584
880-33781-20	S-12 (1.5')	Total/NA	Solid	8015B NM	63584
880-33781-21	S-13 (0-1.0')	Total/NA	Solid	8015B NM	63584
880-33781-22	S-13 (1.5')	Total/NA	Solid	8015B NM	63584
880-33781-23	S-13 (2.0')	Total/NA	Solid	8015B NM	63584
880-33781-24	S-14 (0-1.0')	Total/NA	Solid	8015B NM	63584
MB 880-63584/1-A	Method Blank	Total/NA	Solid	8015B NM	63584
LCS 880-63584/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	63584
LCSD 880-63584/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	63584
880-33781-5 MS	S-5 (0-0.5')	Total/NA	Solid	8015B NM	63584
880-33781-5 MSD	S-5 (0-0.5')	Total/NA	Solid	8015B NM	63584

Analysis Batch: 63745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1	S-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-33781-2	S-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-3	S-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-4	S-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-33781-5	S-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-33781-6	S-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-7	S-7 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-8	S-7 (1.5')	Total/NA	Solid	8015 NM	
880-33781-9	S-7 (2.0')	Total/NA	Solid	8015 NM	
880-33781-10	S-8 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-11	S-9 (0-1.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 63745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-12	S-9 (1.5')	Total/NA	Solid	8015 NM	
880-33781-13	S-9 (2.0')	Total/NA	Solid	8015 NM	
880-33781-14	S-9 (3.0')	Total/NA	Solid	8015 NM	
880-33781-15	S-10 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-16	S-10 (1.5')	Total/NA	Solid	8015 NM	
880-33781-17	S-10 (2.0')	Total/NA	Solid	8015 NM	
880-33781-18	S-11 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-19	S-12 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-20	S-12 (1.5')	Total/NA	Solid	8015 NM	
880-33781-21	S-13 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-22	S-13 (1.5')	Total/NA	Solid	8015 NM	
880-33781-23	S-13 (2.0')	Total/NA	Solid	8015 NM	
880-33781-24	S-14 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-25	S-15 (0-0.5')	Total/NA	Solid	8015 NM	
880-33781-26	S-16 (0-0.5')	Total/NA	Solid	8015 NM	
880-33781-27	S-17 (0-1.0')	Total/NA	Solid	8015 NM	
880-33781-28	S-17 (1.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 63545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-33781-2	S-2 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-3	S-3 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-4	S-4 (0-0.5')	Soluble	Solid	DI Leach	
880-33781-5	S-5 (0-0.5')	Soluble	Solid	DI Leach	
880-33781-6	S-6 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-7	S-7 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-8	S-7 (1.5')	Soluble	Solid	DI Leach	
880-33781-9	S-7 (2.0')	Soluble	Solid	DI Leach	
880-33781-10	S-8 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-11	S-9 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-12	S-9 (1.5')	Soluble	Solid	DI Leach	
880-33781-13	S-9 (2.0')	Soluble	Solid	DI Leach	
880-33781-14	S-9 (3.0')	Soluble	Solid	DI Leach	
880-33781-15	S-10 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-16	S-10 (1.5')	Soluble	Solid	DI Leach	
880-33781-17	S-10 (2.0')	Soluble	Solid	DI Leach	
880-33781-18	S-11 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-19	S-12 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-63545/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-63545/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-63545/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-33781-10 MS	S-8 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-10 MSD	S-8 (0-1.0')	Soluble	Solid	DI Leach	

Leach Batch: 63546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-20	S-12 (1.5')	Soluble	Solid	DI Leach	
880-33781-21	S-13 (0-1.0')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 63546 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-22	S-13 (1.5')	Soluble	Solid	DI Leach	
880-33781-23	S-13 (2.0')	Soluble	Solid	DI Leach	
880-33781-24	S-14 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-25	S-15 (0-0.5')	Soluble	Solid	DI Leach	
880-33781-26	S-16 (0-0.5')	Soluble	Solid	DI Leach	
880-33781-27	S-17 (0-1.0')	Soluble	Solid	DI Leach	
880-33781-28	S-17 (1.5')	Soluble	Solid	DI Leach	
MB 880-63546/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-63546/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-63546/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-33781-20 MS	S-12 (1.5')	Soluble	Solid	DI Leach	
880-33781-20 MSD	S-12 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 63664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-20	S-12 (1.5')	Soluble	Solid	300.0	63546
880-33781-21	S-13 (0-1.0')	Soluble	Solid	300.0	63546
880-33781-22	S-13 (1.5')	Soluble	Solid	300.0	63546
880-33781-23	S-13 (2.0')	Soluble	Solid	300.0	63546
880-33781-24	S-14 (0-1.0')	Soluble	Solid	300.0	63546
880-33781-25	S-15 (0-0.5')	Soluble	Solid	300.0	63546
880-33781-26	S-16 (0-0.5')	Soluble	Solid	300.0	63546
880-33781-27	S-17 (0-1.0')	Soluble	Solid	300.0	63546
880-33781-28	S-17 (1.5')	Soluble	Solid	300.0	63546
MB 880-63546/1-A	Method Blank	Soluble	Solid	300.0	63546
LCS 880-63546/2-A	Lab Control Sample	Soluble	Solid	300.0	63546
LCSD 880-63546/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	63546
880-33781-20 MS	S-12 (1.5')	Soluble	Solid	300.0	63546
880-33781-20 MSD	S-12 (1.5')	Soluble	Solid	300.0	63546

Analysis Batch: 63666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33781-1	S-1 (0-0.5')	Soluble	Solid	300.0	63545
880-33781-2	S-2 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-3	S-3 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-4	S-4 (0-0.5')	Soluble	Solid	300.0	63545
880-33781-5	S-5 (0-0.5')	Soluble	Solid	300.0	63545
880-33781-6	S-6 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-7	S-7 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-8	S-7 (1.5')	Soluble	Solid	300.0	63545
880-33781-9	S-7 (2.0')	Soluble	Solid	300.0	63545
880-33781-10	S-8 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-11	S-9 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-12	S-9 (1.5')	Soluble	Solid	300.0	63545
880-33781-13	S-9 (2.0')	Soluble	Solid	300.0	63545
880-33781-14	S-9 (3.0')	Soluble	Solid	300.0	63545
880-33781-15	S-10 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-16	S-10 (1.5')	Soluble	Solid	300.0	63545
880-33781-17	S-10 (2.0')	Soluble	Solid	300.0	63545
880-33781-18	S-11 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-19	S-12 (0-1.0')	Soluble	Solid	300.0	63545

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 63666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-63545/1-A	Method Blank	Soluble	Solid	300.0	63545
LCS 880-63545/2-A	Lab Control Sample	Soluble	Solid	300.0	63545
LCSD 880-63545/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	63545
880-33781-10 MS	S-8 (0-1.0')	Soluble	Solid	300.0	63545
880-33781-10 MSD	S-8 (0-1.0')	Soluble	Solid	300.0	63545

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Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-0.5')**Lab Sample ID: 880-33781-1****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 20:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 20:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 17:10	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 09:18	CH	EET MID

Client Sample ID: S-2 (0-1.0')**Lab Sample ID: 880-33781-2****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 20:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 20:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 17:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 17:31	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 09:25	CH	EET MID

Client Sample ID: S-3 (0-1.0')**Lab Sample ID: 880-33781-3****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 21:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 21:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 17:53	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 09:31	CH	EET MID

Client Sample ID: S-4 (0-0.5')**Lab Sample ID: 880-33781-4****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 21:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 21:40	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33781-4

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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			63745	09/30/23 18:15	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 18:15	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 09:38	CH	EET MID

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

Lab Sample ID: 880-33781-5

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 22:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 22:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 10:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 10:18	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	63666	10/02/23 09:58	CH	EET MID

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-33781-6

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 22:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 22:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 11:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 11:24	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 10:05	CH	EET MID

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-33781-7

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 22:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 22:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 11:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 11:46	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-33781-7

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	63666	10/02/23 10:11	CH	EET MID

Client Sample ID: S-7 (1.5')

Lab Sample ID: 880-33781-8

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 23:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 23:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 12:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 12:07	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63666	10/02/23 10:18	CH	EET MID

Client Sample ID: S-7 (2.0')

Lab Sample ID: 880-33781-9

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 23:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 23:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 12:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 12:29	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63666	10/02/23 10:25	CH	EET MID

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-33781-10

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/30/23 23:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/30/23 23:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 12:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 12:51	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 10:31	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (0-1.0')**Lab Sample ID: 880-33781-11****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 01:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 01:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 13:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 13:12	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 10:51	CH	EET MID

Client Sample ID: S-9 (1.5')**Lab Sample ID: 880-33781-12****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 01:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 01:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 13:34	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 13:34	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 10:58	CH	EET MID

Client Sample ID: S-9 (2.0')**Lab Sample ID: 880-33781-13****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 01:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 13:56	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 13:56	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 11:18	CH	EET MID

Client Sample ID: S-9 (3.0')**Lab Sample ID: 880-33781-14****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 02:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 02:05	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-9 (3.0')

Lab Sample ID: 880-33781-14

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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			63745	09/30/23 14:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 14:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63666	10/02/23 11:25	CH	EET MID

Client Sample ID: S-10 (0-1.0')

Lab Sample ID: 880-33781-15

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 02:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 02:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 15:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 15:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63666	10/02/23 11:31	CH	EET MID

Client Sample ID: S-10 (1.5')

Lab Sample ID: 880-33781-16

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 02:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 15:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 15:22	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63666	10/02/23 11:38	CH	EET MID

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-33781-17

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 03:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 03:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 15:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 15:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-10 (2.0')

Lab Sample ID: 880-33781-17

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63666	10/02/23 11:45	CH	EET MID

Client Sample ID: S-11 (0-1.0')

Lab Sample ID: 880-33781-18

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 03:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 16:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 16:06	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 11:51	CH	EET MID

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-33781-19

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 03:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 03:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 16:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 16:27	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63666	10/02/23 11:58	CH	EET MID

Client Sample ID: S-12 (1.5')

Lab Sample ID: 880-33781-20

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63557	09/28/23 17:33	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	10/01/23 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	10/01/23 04:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 16:48	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63664	10/02/23 08:53	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-13 (0-1.0')**Lab Sample ID: 880-33781-21****Date Collected: 09/26/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63558	09/28/23 17:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/29/23 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/29/23 20:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 17:10	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	63664	10/02/23 09:10	CH	EET MID

Client Sample ID: S-13 (1.5')**Lab Sample ID: 880-33781-22****Date Collected: 09/26/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63558	09/28/23 17:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/29/23 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/29/23 13:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 17:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 17:31	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	63664	10/02/23 09:16	CH	EET MID

Client Sample ID: S-13 (2.0')**Lab Sample ID: 880-33781-23****Date Collected: 09/26/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63558	09/28/23 17:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/29/23 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/29/23 13:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/30/23 17:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 17:53	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	63664	10/02/23 09:22	CH	EET MID

Client Sample ID: S-14 (0-1.0')**Lab Sample ID: 880-33781-24****Date Collected: 09/26/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63558	09/28/23 17:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/29/23 13:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/29/23 13:52	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-14 (0-1.0')

Lab Sample ID: 880-33781-24

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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			63745	09/30/23 18:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	63584	09/29/23 08:48	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63690	09/30/23 18:15	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63664	10/02/23 09:28	CH	EET MID

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

Lab Sample ID: 880-33781-25

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63558	09/28/23 17:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63582	09/29/23 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/29/23 14:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/29/23 20:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	63585	09/29/23 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63577	09/29/23 20:51	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	63664	10/02/23 09:45	CH	EET MID

Client Sample ID: S-16 (0-0.5')

Lab Sample ID: 880-33781-26

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63531	09/28/23 15:02	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63478	09/29/23 05:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/29/23 05:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/29/23 21:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	63585	09/29/23 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63577	09/29/23 21:57	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	63664	10/02/23 09:51	CH	EET MID

Client Sample ID: S-17 (0-1.0')

Lab Sample ID: 880-33781-27

Date Collected: 09/26/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63531	09/28/23 15:02	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63478	09/29/23 05:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/29/23 05:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/29/23 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	63585	09/29/23 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63577	09/29/23 22:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Client Sample ID: S-17 (0-1.0')
Date Collected: 09/26/23 00:00
Date Received: 09/28/23 14:36

Lab Sample ID: 880-33781-27
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	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63664	10/02/23 09:57	CH	EET MID

Client Sample ID: S-17 (1.5')
Date Collected: 09/26/23 00:00
Date Received: 09/28/23 14:36

Lab Sample ID: 880-33781-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	63531	09/28/23 15:02	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63478	09/29/23 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63648	09/29/23 05:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			63745	09/29/23 22:41	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	63585	09/29/23 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63577	09/29/23 22:41	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	63546	09/28/23 15:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63664	10/02/23 10:03	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
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	T104704400-23-26	06-30-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33781-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-33781-1	S-1 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-2	S-2 (0-1.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-3	S-3 (0-1.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-4	S-4 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-5	S-5 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-6	S-6 (0-1.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-7	S-7 (0-1.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-8	S-7 (1.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-9	S-7 (2.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-10	S-8 (0-1.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-11	S-9 (0-1.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-12	S-9 (1.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-13	S-9 (2.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-14	S-9 (3.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-15	S-10 (0-1.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-16	S-10 (1.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-17	S-10 (2.0')	Solid	09/25/23 00:00	09/28/23 14:36
880-33781-18	S-11 (0-1.0')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-19	S-12 (0-1.0')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-20	S-12 (1.5')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-21	S-13 (0-1.0')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-22	S-13 (1.5')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-23	S-13 (2.0')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-24	S-14 (0-1.0')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-25	S-15 (0-0.5')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-26	S-16 (0-0.5')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-27	S-17 (0-1.0')	Solid	09/26/23 00:00	09/28/23 14:36
880-33781-28	S-17 (1.5')	Solid	09/26/23 00:00	09/28/23 14:36

Chapter 1

5



880-33781 Chain of Custody

Page 1 of 3

Project Manager	Conner Moelning	Bill to: (if different)	Todd Wells
Company Name	Carmora Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City/State/Zip	Midland TX 79701	City, State/Zip	Midland TX 79706
Phone	(432) 813-6823	Email	Todd_Wells@eogresources.com
Project Name:	Game In Oklahoma - Line 5 - oil		

Work Order Comments

Program: ☐ ST/PS ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

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

Deliverables: EDO ☐ ADAPT ☐ Other: ☐

Project Number		2124		Turn Around		☐ Routine ☒ Rush		Post Code	
Project Location		Lea County, New Mexico		Due Date		72 Hours			
Sampler's Name		GPJ							
PO #									
SAMPLE RECEIPT									
Received In tact:	Temp Blank	Yes ☒ No ☐	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐				
Cooler Custody Seals	Yes ☒ No ☐ N/A	Thermometer ID							
Sample Custody Seals	Yes ☒ No ☐ N/A	Correction Factor							
Total Containers:		Temperature Reading							
		Corrected Temperature							
Sample Identification		Date	Time	Soil	Water	Grav. Comp	# of Cont	Parameters	
S-1 (0-0.5')	9/25/2023			X		G	1	BTEX 8021B	
S-2 (0-1.0')	9/25/2023			X		G	1	TPH 1X 1005 (Ext. to 085) 801F	
S-3 (0-1.0')	9/25/2023			X		G	1	Chloride 300.0	
S-4 (0-0.5')	9/25/2023			X		G	1		
S-5 (0-0.5')	9/25/2023			X		G	1		
S-6 (0-1.0')	9/25/2023			X		G	1		
S-7 (0-1.0')	9/25/2023			X		G	1		
S-7 (1.5')	9/25/2023			X		G	1		
S-7 (2.0')	9/25/2023			X		G	1		
S-8 (0-1.0')	9/25/2023			X		G	1		
ANALYSIS REQUEST									
Preservative Codes									
None NO		DI Water H ₂ O							
Cool Cool		MeOH Me							
HCL HC		HNO ₃ HN							
H ₂ SO ₄ H ₂		NaOH Na							
H ₃ PO ₄ HP									
NaHSO ₄ NABIS									
Na ₂ S ₂ O ₃ NASO ₃									
Zn Acetate+NaOH Zn									
NaOH+Ascorbic Acid SAPC									
Sample Comments									

Comments Email to Mike Carmona / Mcarmona@cammonaresources.com and Conner Moehring / Cmoehring@cammonaresources.com and Devin Dominguez / Ddominguez@cammonaresources.com

Relinquished by: (Signature)

Date/Time

Received by Signature

Date/Time

Crain of Cuetoc

Work Order No: 33781

Page 2 of 3

Project Manager	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	ECG Resources
Address:	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland TX 79701	City, State ZIP	Midland TX 79706
Phone	(432) 813-6823	Email	Todd Wells@ecgresources.com

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

Project Name	Gem to Quijote - Line Spill			Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number	2124		☐ Routine ☒ Rush																None NO	DI Water H ₂ O			
Project Location	Lee County, New Mexico			Due Date	72 Hours														Cool Cool	MeOH Me			
Sampler's Name	GPJ																		HCL HC	HNO ₃ HN			
PO #																			H ₂ SO ₄ H ₂	NaOH Na			
SAMPLE RECEIPT				Temp Blank.	Yes No	Thermometer ID	Well Ice	Yes No													H ₃ PO ₄ HP		
Received Intact				Yes No																	NaHSO ₄ NABIS		
Cooler Custody Seals				Yes No N/A		Correction Factor															Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals				Yes No N/A		Temperature Reading															Zn Acetate+NaOH Zn		
Total Containers.						Corrected Temperature															NaOH+Ascorbic Acid SAPC		
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
S-9 (0-1 0')				9/25/2023		X		G	1	BTEX 8021B													
S-9 (1 5')				9/25/2023		X		G	1	TPH TX-4005 (Ext to 8015)													
S-9 (2 0')				9/25/2023		X		G	1	Chloride 300.0													
S-9 (3 0')				9/25/2023		X		G	1														
S-10 (0-1 0')				9/25/2023		X		G	1														
S-10 (1 5')				9/25/2023		X		G	1														
S-10 (2 0')				9/25/2023		X		G	1														
S-11 (0-1 0')				9/26/2023		X		G	1														
S-12 (0-1 0')				9/26/2023		X		G	1														
S-12 (1 5')				9/26/2023		X		G	1														

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		9/26/23 1430			

Chain of Custody

Loc: 880
Work Order No: 33781

Page 3 of 3

Project Manager	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	(432) 813-6823	Email	Todd Wells@eoqresources.com

Work Order Comments	
Program: UST/PRP	PRP
State of Project	PRC
Reporting Level II	Level III
Deliverables EDD	ADAPT
Other	

Project Name	Gem to Quipco - Line Spill		Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	2124	☐ Routine	☒ Rush	72 Hours													None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico	Due Date															Cool Cool	MeOH Me
Sampler's Name	GPJ																HCL HC	HNO ₃ HN
PO #																	H ₂ SO ₄ H ₂	NaOH Na
SAMPLE RECEIPT	Temp Blank	Yes No	Thermometer ID	Yes No	Well Ice	Yes No	Parameters										H ₃ PO ₄ HP	
Received Intact	Yes No						BTEX 8021B										NAHSO ₄ NABIS	
Coder Custody Seals	Yes No N/A		Correction Factor				TPH TX 1005 (Eutro 033)										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
S-13 (0-1 0')	9/26/2023		X		G	1	X	X	X									
S-13 (1 5')	9/26/2023		X		G	1	X	X	X									
S-13 (2 0')	9/26/2023		X		G	1	X	X	X									
S-14 (0-1 0')	9/26/2023		X		G	1	X	X	X									
S-15 (0-0 5')	9/26/2023		X		G	1	X	X	X									
S-16 (0-0 5')	9/26/2023		X		G	1	X	X	X									
S-17 (0-1 0')	9/26/2023		X		G	1	X	X	X									
S-17 (1 5')	9/26/2023		X		G	1	X	X	X									

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	9/28/23 1430		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-33781-1

SDG Number: Lea County, New Mexico

Login Number: 33781

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

- 1
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- 3
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- 9
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- 12
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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/10/2023 4:50:38 PM Revision 1

JOB DESCRIPTION

Gem to Quijote-Line Spill
SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-33780-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



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Generated
11/10/2023 4:50:38 PM
Revision 1

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Laboratory Job ID: 880-33780-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Job ID: 880-33780-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-33780-1**

REVISION

The report being provided is a revision of the original report sent on 10/3/2023. The report (revision 1) is being revised due to per client email, revised report to include corrected COC.

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

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

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

Receipt

The samples were received on 9/28/2023 2:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -6.9°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-33780-1), H-2 (0-0.5') (880-33780-2), H-3 (0-0.5') (880-33780-3), H-4 (0-0.5') (880-33780-4), H-5 (0-0.5') (880-33780-5), H-6 (0-0.5') (880-33780-6), H-7 (0-0.5') (880-33780-7), H-8 (0-0.5') (880-33780-8), H-9 (0-0.5') (880-33780-9), H-10 (0-0.5') (880-33780-10), H-11 (0-0.5') (880-33780-11), H-12 (0-0.5') (880-33780-12), H-13 (0-0.5') (880-33780-13), H-14 (0-0.5') (880-33780-14), H-15 (0-0.5') (880-33780-15), H-16 (0-0.5') (880-33780-16), H-17 (0-0.5') (880-33780-17), H-18 (0-0.5') (880-33780-18), H-19 (0-0.5') (880-33780-19), H-20 (0-0.5') (880-33780-20) and H-21 (0-0.5') (880-33780-21).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-21 (0-0.5') (880-33780-21), (LCSD 880-63531/2-A) and (890-5357-A-1-G). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-63478 recovered above the upper control limit for Ethylbenzene and o-Xylene. The samples associated with this CCV was ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (MB 880-63455/5-A) and (MB 880-63541/5-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (880-33751-A-21-E MS) and (880-33751-A-21-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-63538 and analytical batch 880-63575 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Case Narrative

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Job ID: 880-33780-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-63580 and analytical batch 880-63688 was outside the upper control limits.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-63545 and analytical batch 880-63666 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 880-63544 and 880-63544 and analytical batch 880-63661 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-1

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 00:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 00:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 00:17	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/28/23 15:22	09/29/23 00:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 00:17	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/28/23 15:22	09/29/23 00:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	09/28/23 15:22	09/29/23 00:17	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/28/23 15:22	09/29/23 00:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/29/23 00:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/29/23 17:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		09/28/23 15:42	09/29/23 17:36	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/28/23 15:42	09/29/23 17:36	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/28/23 15:42	09/29/23 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	09/28/23 15:42	09/29/23 17:36	1
o-Terphenyl	85		70 - 130	09/28/23 15:42	09/29/23 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112	F1	5.00		mg/Kg			10/02/23 12:47	1

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

Lab Sample ID: 880-33780-2

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 00:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 00:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 00:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/28/23 15:22	09/29/23 00:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 00:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/28/23 15:22	09/29/23 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	09/28/23 15:22	09/29/23 00:38	1
1,4-Difluorobenzene (Surr)	107		70 - 130	09/28/23 15:22	09/29/23 00:38	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-2

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/29/23 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/29/23 17:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/28/23 15:42	09/29/23 17:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/28/23 15:42	09/29/23 17:59	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/28/23 15:42	09/29/23 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				09/28/23 15:42	09/29/23 17:59	1
o-Terphenyl	88		70 - 130				09/28/23 15:42	09/29/23 17:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.03		mg/Kg			10/02/23 13:04	1

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

Lab Sample ID: 880-33780-3

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 00:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 00:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 00:58	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/28/23 15:22	09/29/23 00:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 00:58	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/28/23 15:22	09/29/23 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				09/28/23 15:22	09/29/23 00:58	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/28/23 15:22	09/29/23 00:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			09/29/23 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/29/23 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/28/23 15:42	09/29/23 18:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/28/23 15:42	09/29/23 18:22	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-3

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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		09/28/23 15:42	09/29/23 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				09/28/23 15:42	09/29/23 18:22	1
o-Terphenyl	81		70 - 130				09/28/23 15:42	09/29/23 18:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	297		4.95		mg/Kg			10/02/23 13:10	1

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

Lab Sample ID: 880-33780-4

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 01:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 01:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 01:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/28/23 15:22	09/29/23 01:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 01:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/28/23 15:22	09/29/23 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				09/28/23 15:22	09/29/23 01:18	1
1,4-Difluorobenzene (Surr)	114		70 - 130				09/28/23 15:22	09/29/23 01:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/29/23 01:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			09/29/23 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		09/28/23 15:42	09/29/23 18:45	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		09/28/23 15:42	09/29/23 18:45	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		09/28/23 15:42	09/29/23 18:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				09/28/23 15:42	09/29/23 18:45	1
o-Terphenyl	77		70 - 130				09/28/23 15:42	09/29/23 18:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.2		4.95		mg/Kg			10/02/23 13:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-5

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 01:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 01:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 01:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/28/23 15:22	09/29/23 01:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 01:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/28/23 15:22	09/29/23 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	09/28/23 15:22	09/29/23 01:39	1
1,4-Difluorobenzene (Surr)	118		70 - 130	09/28/23 15:22	09/29/23 01:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/29/23 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/29/23 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		09/28/23 15:42	09/29/23 19:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/28/23 15:42	09/29/23 19:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/28/23 15:42	09/29/23 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	09/28/23 15:42	09/29/23 19:09	1
o-Terphenyl	79		70 - 130	09/28/23 15:42	09/29/23 19:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		5.04		mg/Kg			10/02/23 13:22	1

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

Lab Sample ID: 880-33780-6

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 01:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 01:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 01:59	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/28/23 15:22	09/29/23 01:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 01:59	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/28/23 15:22	09/29/23 01:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	09/28/23 15:22	09/29/23 01:59	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/28/23 15:22	09/29/23 01:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-6

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			09/29/23 01:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			09/30/23 10:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		09/29/23 08:43	09/30/23 10:18	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/29/23 08:43	09/30/23 10:18	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/29/23 08:43	09/30/23 10:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				09/29/23 08:43	09/30/23 10:18	1
o-Terphenyl	96		70 - 130				09/29/23 08:43	09/30/23 10:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.00		mg/Kg			10/02/23 13:39	1

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

Lab Sample ID: 880-33780-7

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 02:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 02:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 02:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/28/23 15:22	09/29/23 02:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 02:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/28/23 15:22	09/29/23 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				09/28/23 15:22	09/29/23 02:20	1
1,4-Difluorobenzene (Surr)	112		70 - 130				09/28/23 15:22	09/29/23 02:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/29/23 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/30/23 11:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/23 08:43	09/30/23 11:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/23 08:43	09/30/23 11:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-7

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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		09/29/23 08:43	09/30/23 11:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				09/29/23 08:43	09/30/23 11:24	1
o-Terphenyl	100		70 - 130				09/29/23 08:43	09/30/23 11:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.1		4.98		mg/Kg			10/02/23 13:45	1

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

Lab Sample ID: 880-33780-8

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 02:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 02:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 02:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/28/23 15:22	09/29/23 02:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 02:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/28/23 15:22	09/29/23 02:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				09/28/23 15:22	09/29/23 02:40	1
1,4-Difluorobenzene (Surr)	121		70 - 130				09/28/23 15:22	09/29/23 02:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/29/23 02:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/23 11:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/29/23 08:43	09/30/23 11:46	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/29/23 08:43	09/30/23 11:46	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/29/23 08:43	09/30/23 11:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/29/23 08:43	09/30/23 11:46	1
o-Terphenyl	92		70 - 130				09/29/23 08:43	09/30/23 11:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.0		5.03		mg/Kg			10/02/23 13:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-9

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 03:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 03:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 03:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/28/23 15:22	09/29/23 03:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 03:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/28/23 15:22	09/29/23 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	09/28/23 15:22	09/29/23 03:01	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/28/23 15:22	09/29/23 03:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/29/23 03:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/23 12:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 12:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 12:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	09/29/23 08:43	09/30/23 12:07	1
o-Terphenyl	89		70 - 130	09/29/23 08:43	09/30/23 12:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		4.97		mg/Kg			10/02/23 13:57	1

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

Lab Sample ID: 880-33780-10

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 03:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 03:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 03:21	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/28/23 15:22	09/29/23 03:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 03:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/28/23 15:22	09/29/23 03:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	09/28/23 15:22	09/29/23 03:21	1
1,4-Difluorobenzene (Surr)	114		70 - 130	09/28/23 15:22	09/29/23 03:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-10

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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			09/29/23 03:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/30/23 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		09/29/23 08:43	09/30/23 12:29	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/29/23 08:43	09/30/23 12:29	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/29/23 08:43	09/30/23 12:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/29/23 08:43	09/30/23 12:29	1
o-Terphenyl	93		70 - 130				09/29/23 08:43	09/30/23 12:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		4.98		mg/Kg			10/02/23 14:02	1

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

Lab Sample ID: 880-33780-11

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 05:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 05:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 05:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/28/23 15:22	09/29/23 05:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 05:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/28/23 15:22	09/29/23 05:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				09/28/23 15:22	09/29/23 05:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/28/23 15:22	09/29/23 05:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/29/23 05:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/30/23 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 12:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 12:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-11

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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		09/29/23 08:43	09/30/23 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/29/23 08:43	09/30/23 12:51	1
o-Terphenyl	96		70 - 130				09/29/23 08:43	09/30/23 12:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.7	F1	5.02		mg/Kg			10/02/23 14:08	1

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

Lab Sample ID: 880-33780-12

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 05:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 05:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 05:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/28/23 15:22	09/29/23 05:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 05:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/28/23 15:22	09/29/23 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				09/28/23 15:22	09/29/23 05:31	1
1,4-Difluorobenzene (Surr)	116		70 - 130				09/28/23 15:22	09/29/23 05:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/29/23 05:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			09/30/23 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		09/29/23 08:43	09/30/23 13:12	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		09/29/23 08:43	09/30/23 13:12	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		09/29/23 08:43	09/30/23 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				09/29/23 08:43	09/30/23 13:12	1
o-Terphenyl	96		70 - 130				09/29/23 08:43	09/30/23 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.03		mg/Kg			10/02/23 14:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-13

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 05:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 05:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 05:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/28/23 15:22	09/29/23 05:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 05:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/28/23 15:22	09/29/23 05:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/28/23 15:22	09/29/23 05:52	1
1,4-Difluorobenzene (Surr)	108		70 - 130	09/28/23 15:22	09/29/23 05:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/29/23 05:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			09/30/23 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		09/29/23 08:43	09/30/23 13:34	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		09/29/23 08:43	09/30/23 13:34	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		09/29/23 08:43	09/30/23 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	09/29/23 08:43	09/30/23 13:34	1
o-Terphenyl	96		70 - 130	09/29/23 08:43	09/30/23 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.0		5.00		mg/Kg			10/02/23 14:32	1

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

Lab Sample ID: 880-33780-14

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 06:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 06:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 06:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/28/23 15:22	09/29/23 06:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 06:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/28/23 15:22	09/29/23 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	09/28/23 15:22	09/29/23 06:12	1
1,4-Difluorobenzene (Surr)	119		70 - 130	09/28/23 15:22	09/29/23 06:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-14

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/29/23 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/30/23 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		09/29/23 08:43	09/30/23 13:56	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/29/23 08:43	09/30/23 13:56	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/29/23 08:43	09/30/23 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/29/23 08:43	09/30/23 13:56	1
o-Terphenyl	91		70 - 130				09/29/23 08:43	09/30/23 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	124		5.00		mg/Kg			10/02/23 14:49	1

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

Lab Sample ID: 880-33780-15

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 06:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 06:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 06:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/28/23 15:22	09/29/23 06:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/28/23 15:22	09/29/23 06:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/28/23 15:22	09/29/23 06:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/28/23 15:22	09/29/23 06:32	1
1,4-Difluorobenzene (Surr)	113		70 - 130				09/28/23 15:22	09/29/23 06:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/29/23 06:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/23 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 14:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 14:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-15

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/29/23 08:43	09/30/23 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/29/23 08:43	09/30/23 14:17	1
o-Terphenyl	90		70 - 130				09/29/23 08:43	09/30/23 14:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.98		mg/Kg			10/02/23 14:55	1

Client Sample ID: H-16 (0-0.5')

Lab Sample ID: 880-33780-16

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 06:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 06:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 06:53	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/28/23 15:22	09/29/23 06:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 06:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/28/23 15:22	09/29/23 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				09/28/23 15:22	09/29/23 06:53	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/28/23 15:22	09/29/23 06:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/29/23 06:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/30/23 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 15:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 15:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 15:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				09/29/23 08:43	09/30/23 15:01	1
o-Terphenyl	95		70 - 130				09/29/23 08:43	09/30/23 15:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		5.01		mg/Kg			10/02/23 15:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-17 (0-0.5')

Lab Sample ID: 880-33780-17

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 07:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 07:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 07:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/28/23 15:22	09/29/23 07:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:22	09/29/23 07:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/28/23 15:22	09/29/23 07:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/28/23 15:22	09/29/23 07:13	1
1,4-Difluorobenzene (Surr)	109		70 - 130	09/28/23 15:22	09/29/23 07:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/29/23 07:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/30/23 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/23 08:43	09/30/23 15:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/23 08:43	09/30/23 15:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/23 08:43	09/30/23 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	09/29/23 08:43	09/30/23 15:22	1
o-Terphenyl	103		70 - 130	09/29/23 08:43	09/30/23 15:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.04		mg/Kg			10/02/23 15:07	1

Client Sample ID: H-18 (0-0.5')

Lab Sample ID: 880-33780-18

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 07:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 07:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 07:34	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/28/23 15:22	09/29/23 07:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/28/23 15:22	09/29/23 07:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/28/23 15:22	09/29/23 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	09/28/23 15:22	09/29/23 07:34	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/28/23 15:22	09/29/23 07:34	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-18 (0-0.5')

Lab Sample ID: 880-33780-18

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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			09/29/23 07:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			09/30/23 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		09/29/23 08:43	09/30/23 15:44	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		09/29/23 08:43	09/30/23 15:44	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		09/29/23 08:43	09/30/23 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/29/23 08:43	09/30/23 15:44	1
o-Terphenyl	89		70 - 130				09/29/23 08:43	09/30/23 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		5.02		mg/Kg			10/02/23 15:13	1

Client Sample ID: H-19 (0-0.5')

Lab Sample ID: 880-33780-19

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 07:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 07:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 07:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/28/23 15:22	09/29/23 07:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/28/23 15:22	09/29/23 07:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/28/23 15:22	09/29/23 07:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				09/28/23 15:22	09/29/23 07:54	1
1,4-Difluorobenzene (Surr)	115		70 - 130				09/28/23 15:22	09/29/23 07:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/29/23 07:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/30/23 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		09/29/23 08:43	09/30/23 16:06	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/29/23 08:43	09/30/23 16:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-19 (0-0.5')

Lab Sample ID: 880-33780-19

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/29/23 08:43	09/30/23 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				09/29/23 08:43	09/30/23 16:06	1
o-Terphenyl	95		70 - 130				09/29/23 08:43	09/30/23 16:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	408		5.03		mg/Kg			10/02/23 15:18	1

Client Sample ID: H-20 (0-0.5')

Lab Sample ID: 880-33780-20

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 08:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 08:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 08:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/28/23 15:22	09/29/23 08:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/29/23 08:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/28/23 15:22	09/29/23 08:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				09/28/23 15:22	09/29/23 08:14	1
1,4-Difluorobenzene (Surr)	114		70 - 130				09/28/23 15:22	09/29/23 08:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/29/23 08:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/30/23 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		09/29/23 08:43	09/30/23 16:27	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/29/23 08:43	09/30/23 16:27	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/29/23 08:43	09/30/23 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				09/29/23 08:43	09/30/23 16:27	1
o-Terphenyl	92		70 - 130				09/29/23 08:43	09/30/23 16:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		4.98		mg/Kg			10/02/23 15:24	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-21 (0-0.5')

Lab Sample ID: 880-33780-21

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:02	09/29/23 04:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:02	09/29/23 04:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:02	09/29/23 04:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/28/23 15:02	09/29/23 04:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/28/23 15:02	09/29/23 04:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/28/23 15:02	09/29/23 04:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	09/28/23 15:02	09/29/23 04:51	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130	09/28/23 15:02	09/29/23 04:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/29/23 04:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/30/23 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/23 08:43	09/30/23 16:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/23 08:43	09/30/23 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/23 08:43	09/30/23 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	09/29/23 08:43	09/30/23 16:48	1
o-Terphenyl	92		70 - 130	09/29/23 08:43	09/30/23 16:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.6	F1	5.01		mg/Kg			10/02/23 08:58	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
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)
880-33780-1	H-1 (0-0.5')	76	102
880-33780-1 MS	H-1 (0-0.5')	99	100
880-33780-1 MSD	H-1 (0-0.5')	89	97
880-33780-2	H-2 (0-0.5')	84	107
880-33780-3	H-3 (0-0.5')	86	110
880-33780-4	H-4 (0-0.5')	85	114
880-33780-5	H-5 (0-0.5')	96	118
880-33780-6	H-6 (0-0.5')	91	111
880-33780-7	H-7 (0-0.5')	91	112
880-33780-8	H-8 (0-0.5')	96	121
880-33780-9	H-9 (0-0.5')	96	111
880-33780-10	H-10 (0-0.5')	96	114
880-33780-11	H-11 (0-0.5')	82	100
880-33780-12	H-12 (0-0.5')	95	116
880-33780-13	H-13 (0-0.5')	98	108
880-33780-14	H-14 (0-0.5')	95	119
880-33780-15	H-15 (0-0.5')	101	113
880-33780-16	H-16 (0-0.5')	89	110
880-33780-17	H-17 (0-0.5')	98	109
880-33780-18	H-18 (0-0.5')	105	106
880-33780-19	H-19 (0-0.5')	107	115
880-33780-20	H-20 (0-0.5')	105	114
880-33780-21	H-21 (0-0.5')	86	65 S1-
890-5357-A-1-D MS	Matrix Spike	126	109
890-5357-A-1-E MSD	Matrix Spike Duplicate	128	103
LCS 880-63531/1-A	Lab Control Sample	122	92
LCS 880-63541/1-A	Lab Control Sample	98	106
LCSD 880-63531/2-A	Lab Control Sample Dup	135 S1+	125
LCSD 880-63541/2-A	Lab Control Sample Dup	92	105
MB 880-63455/5-A	Method Blank	133 S1+	142 S1+
MB 880-63478/8	Method Blank	70	93
MB 880-63531/5-A	Method Blank	81	80
MB 880-63541/5-A	Method Blank	130	149 S1+

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-33751-A-21-E MS	Matrix Spike	64 S1-	60 S1-
880-33751-A-21-F MSD	Matrix Spike Duplicate	64 S1-	60 S1-
880-33780-1	H-1 (0-0.5')	76	85
880-33780-2	H-2 (0-0.5')	80	88
880-33780-3	H-3 (0-0.5')	74	81
880-33780-4	H-4 (0-0.5')	72	77

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-33780-1

Project/Site: Gem to Quijote-Line Spill

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)
880-33780-5	H-5 (0-0.5')	73	79
880-33780-6	H-6 (0-0.5')	113	96
880-33780-6 MS	H-6 (0-0.5')	111	83
880-33780-6 MSD	H-6 (0-0.5')	111	83
880-33780-7	H-7 (0-0.5')	118	100
880-33780-8	H-8 (0-0.5')	110	92
880-33780-9	H-9 (0-0.5')	109	89
880-33780-10	H-10 (0-0.5')	112	93
880-33780-11	H-11 (0-0.5')	117	96
880-33780-12	H-12 (0-0.5')	115	96
880-33780-13	H-13 (0-0.5')	115	96
880-33780-14	H-14 (0-0.5')	112	91
880-33780-15	H-15 (0-0.5')	110	90
880-33780-16	H-16 (0-0.5')	114	95
880-33780-17	H-17 (0-0.5')	122	103
880-33780-18	H-18 (0-0.5')	108	89
880-33780-19	H-19 (0-0.5')	114	95
880-33780-20	H-20 (0-0.5')	113	92
880-33780-21	H-21 (0-0.5')	110	92
LCS 880-63538/2-A	Lab Control Sample	104	112
LCS 880-63580/2-A	Lab Control Sample	99	111
LCSD 880-63538/3-A	Lab Control Sample Dup	96	102
LCSD 880-63580/3-A	Lab Control Sample Dup	103	109
MB 880-63538/1-A	Method Blank	97	118
MB 880-63580/1-A	Method Blank	151 S1+	135 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-63455/5-A

Matrix: Solid

Analysis Batch: 63479

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63455

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/23 14:56	09/28/23 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/23 14:56	09/28/23 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/23 14:56	09/28/23 12:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/23 14:56	09/28/23 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/23 14:56	09/28/23 12:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/23 14:56	09/28/23 12:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	09/27/23 14:56	09/28/23 12:13	1
1,4-Difluorobenzene (Surr)	142	S1+	70 - 130	09/27/23 14:56	09/28/23 12:13	1

Lab Sample ID: MB 880-63478/8

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			09/28/23 11:49	1
Toluene	<0.00200	U	0.00200		mg/Kg			09/28/23 11:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			09/28/23 11:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			09/28/23 11:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			09/28/23 11:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			09/28/23 11:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130		09/28/23 11:49	1
1,4-Difluorobenzene (Surr)	93		70 - 130		09/28/23 11:49	1

Lab Sample ID: MB 880-63531/5-A

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63531

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 13:02	09/28/23 22:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/28/23 13:02	09/28/23 22:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	09/28/23 13:02	09/28/23 22:02	1
1,4-Difluorobenzene (Surr)	80		70 - 130	09/28/23 13:02	09/28/23 22:02	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-63531/1-A

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09492		mg/Kg		95	70 - 130
Toluene	0.100	0.1103		mg/Kg		110	70 - 130
Ethylbenzene	0.100	0.1256		mg/Kg		126	70 - 130
m-Xylene & p-Xylene	0.200	0.2592		mg/Kg		130	70 - 130
o-Xylene	0.100	0.1271		mg/Kg		127	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-63531/2-A

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09682		mg/Kg		97	70 - 130	2	35
Toluene	0.100	0.1077		mg/Kg		108	70 - 130	2	35
Ethylbenzene	0.100	0.1222		mg/Kg		122	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2556		mg/Kg		128	70 - 130	1	35
o-Xylene	0.100	0.1259		mg/Kg		126	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130
1,4-Difluorobenzene (Surr)	125		70 - 130

Lab Sample ID: 890-5357-A-1-D MS

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0996	0.08885		mg/Kg		89	70 - 130
Toluene	<0.00198	U	0.0996	0.1054		mg/Kg		106	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.1184		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.2387		mg/Kg		120	70 - 130
o-Xylene	<0.00198	U	0.0996	0.1166		mg/Kg		117	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-5357-A-1-E MSD

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.07257		mg/Kg		72	70 - 130	20	35
Toluene	<0.00198	U	0.100	0.09463		mg/Kg		94	70 - 130	11	35
Ethylbenzene	<0.00198	U	0.100	0.1104		mg/Kg		110	70 - 130	7	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-5357-A-1-E MSD

Matrix: Solid

Analysis Batch: 63478

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 63531

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00396	U	0.200	0.2199		mg/Kg		110	70 - 130	8	35
o-Xylene	<0.00198	U	0.100	0.1092		mg/Kg		109	70 - 130	7	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	128		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

Lab Sample ID: MB 880-63541/5-A

Matrix: Solid

Analysis Batch: 63479

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63541

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/28/23 23:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/28/23 23:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/28/23 23:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/28/23 15:22	09/28/23 23:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/28/23 15:22	09/28/23 23:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/28/23 15:22	09/28/23 23:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				09/28/23 15:22	09/28/23 23:48	1
1,4-Difluorobenzene (Surr)	149	S1+	70 - 130				09/28/23 15:22	09/28/23 23:48	1

Lab Sample ID: LCS 880-63541/1-A

Matrix: Solid

Analysis Batch: 63479

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.09492		mg/Kg		95	70 - 130		
Toluene	0.100	0.08330		mg/Kg		83	70 - 130		
Ethylbenzene	0.100	0.08006		mg/Kg		80	70 - 130		
m-Xylene & p-Xylene	0.200	0.1925		mg/Kg		96	70 - 130		
o-Xylene	0.100	0.09368		mg/Kg		94	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		70 - 130						
1,4-Difluorobenzene (Surr)	106		70 - 130						

Lab Sample ID: LCSD 880-63541/2-A

Matrix: Solid

Analysis Batch: 63479

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63541

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1019		mg/Kg		102	70 - 130	7	35
Toluene	0.100	0.08840		mg/Kg		88	70 - 130	6	35
Ethylbenzene	0.100	0.08046		mg/Kg		80	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1891		mg/Kg		95	70 - 130	2	35
o-Xylene	0.100	0.09155		mg/Kg		92	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-33780-1 MS

Matrix: Solid

Analysis Batch: 63479

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

Prep Type: Total/NA

Prep Batch: 63541

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.09455		mg/Kg		95	70 - 130
Toluene	<0.00198	U	0.0998	0.08954		mg/Kg		90	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.08301		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1953		mg/Kg		98	70 - 130
o-Xylene	<0.00198	U	0.0998	0.09408		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-33780-1 MSD

Matrix: Solid

Analysis Batch: 63479

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

Prep Type: Total/NA

Prep Batch: 63541

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.1003		mg/Kg		99	70 - 130	6	35
Toluene	<0.00198	U	0.101	0.07806		mg/Kg		77	70 - 130	14	35
Ethylbenzene	<0.00198	U	0.101	0.07726		mg/Kg		77	70 - 130	7	35
m-Xylene & p-Xylene	<0.00396	U	0.202	0.1818		mg/Kg		90	70 - 130	7	35
o-Xylene	<0.00198	U	0.101	0.08712		mg/Kg		86	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-63538/1-A

Matrix: Solid

Analysis Batch: 63575

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/28/23 14:02	09/29/23 07:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/28/23 14:02	09/29/23 07:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/28/23 14:02	09/29/23 07:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	09/28/23 14:02	09/29/23 07:54	1
o-Terphenyl	118		70 - 130	09/28/23 14:02	09/29/23 07:54	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-63538/2-A

Matrix: Solid

Analysis Batch: 63575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63538

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1130		mg/Kg		113		70 - 130	
Diesel Range Organics (Over C10-C28)			1000	1110		mg/Kg		111		70 - 130	

Lab Sample ID: LCSD 880-63538/3-A

Matrix: Solid

Analysis Batch: 63575

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63538

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	953.1		mg/Kg		95	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	1082		mg/Kg		108	70 - 130	3	20
					</						

Lab Sample ID: 880-33751-A-21-E MS

Matrix: Solid

Analysis Batch: 63575

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 63538

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.6	U F1	1010	641.7	F1	mg/Kg		62	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.6	U F1	1010	603.8	F1	mg/Kg		56	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	64	S1-	70 - 130								
o-Terphenyl	60	S1-	70 - 130								

Lab Sample ID: 880-33751-A-21-F MSD

Matrix: Solid

Analysis Batch: 63575

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 63538

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.6	U F1	1010	630.6	F1	mg/Kg	-	60	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.6	U F1	1010	610.1	F1	mg/Kg		57	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	64	S1-	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33751-A-21-F MSD

Matrix: Solid

Analysis Batch: 63575

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 63538

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	60	S1-	70 - 130

Lab Sample ID: MB 880-63580/1-A

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 63580

	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		09/29/23 08:43	09/30/23 07:46	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 07:46	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/23 08:43	09/30/23 07:46	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	151	S1+	70 - 130				09/29/23 08:43	09/30/23 07:46	1	
<i>o</i> -Terphenyl	135	S1+	70 - 130				09/29/23 08:43	09/30/23 07:46	1	

Lab Sample ID: LCS 880-63580/2-A

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 63580

			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	877.2		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	920.8		mg/Kg		92	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	99		70 - 130								
<i>o</i> -Terphenyl	111		70 - 130								

Lab Sample ID: LCSD 880-63580/3-A

Matrix: Solid

Analysis Batch: 63688

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 63580

			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	912.6		mg/Kg		91	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	928.9		mg/Kg		93	70 - 130	1	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
<i>o</i> -Terphenyl	109		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-6 MS

Matrix: Solid

Analysis Batch: 63688

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

Prep Type: Total/NA

Prep Batch: 63580

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1164		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	1065		mg/Kg		103	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 880-33780-6 MSD

Matrix: Solid

Analysis Batch: 63688

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

Prep Type: Total/NA

Prep Batch: 63580

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	1010	1181		mg/Kg		115	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U	1010	1082		mg/Kg		105	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	83		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-63544/1-A

Matrix: Solid

Analysis Batch: 63661

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			10/02/23 12:29	1

Lab Sample ID: LCS 880-63544/2-A

Matrix: Solid

Analysis Batch: 63661

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	270.3		mg/Kg		108	90 - 110		

Lab Sample ID: LCSD 880-63544/3-A

Matrix: Solid

Analysis Batch: 63661

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	269.7		mg/Kg		108	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-33780-1 MS

Matrix: Solid

Analysis Batch: 63661

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	112	F1	250	304.9	F1	mg/Kg		77	90 - 110		

Lab Sample ID: 880-33780-1 MSD

Matrix: Solid

Analysis Batch: 63661

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	112	F1	250	303.0	F1	mg/Kg		76	90 - 110	1	20

Lab Sample ID: 880-33780-11 MS

Matrix: Solid

Analysis Batch: 63661

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	31.7	F1	251	314.5	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 880-33780-11 MSD

Matrix: Solid

Analysis Batch: 63661

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	31.7	F1	251	313.7	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: MB 880-63545/1-A

Matrix: Solid

Analysis Batch: 63666

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			10/02/23 08:34	1

Lab Sample ID: LCS 880-63545/2-A

Matrix: Solid

Analysis Batch: 63666

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	242.9		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-63545/3-A

Matrix: Solid

Analysis Batch: 63666

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	242.8		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-33780-21 MS

Matrix: Solid

Analysis Batch: 63666

Client Sample ID: H-21 (0-0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	90.6	F1	251	270.2	F1	mg/Kg		72	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-33780-21 MSD

Client Sample ID: H-21 (0-0.5')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 63666

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	90.6	F1	251	270.1	F1	mg/Kg	-	72	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 63455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-63455/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 63478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-21	H-21 (0-0.5')	Total/NA	Solid	8021B	63531
MB 880-63478/8	Method Blank	Total/NA	Solid	8021B	
MB 880-63531/5-A	Method Blank	Total/NA	Solid	8021B	63531
LCS 880-63531/1-A	Lab Control Sample	Total/NA	Solid	8021B	63531
LCSD 880-63531/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	63531
890-5357-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	63531
890-5357-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	63531

Analysis Batch: 63479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-1	H-1 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-2	H-2 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-3	H-3 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-4	H-4 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-5	H-5 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-6	H-6 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-7	H-7 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-8	H-8 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-9	H-9 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-10	H-10 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-11	H-11 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-12	H-12 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-13	H-13 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-14	H-14 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-15	H-15 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-16	H-16 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-17	H-17 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-18	H-18 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-19	H-19 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-20	H-20 (0-0.5')	Total/NA	Solid	8021B	63541
MB 880-63455/5-A	Method Blank	Total/NA	Solid	8021B	63455
MB 880-63541/5-A	Method Blank	Total/NA	Solid	8021B	63541
LCS 880-63541/1-A	Lab Control Sample	Total/NA	Solid	8021B	63541
LCSD 880-63541/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	63541
880-33780-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	63541
880-33780-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	63541

Prep Batch: 63531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-21	H-21 (0-0.5')	Total/NA	Solid	5035	
MB 880-63531/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-63531/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-63531/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-5357-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-5357-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 63541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-33780-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-33780-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-33780-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-33780-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-33780-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-33780-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-33780-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-33780-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-33780-10	H-10 (0-0.5')	Total/NA	Solid	5035	
880-33780-11	H-11 (0-0.5')	Total/NA	Solid	5035	
880-33780-12	H-12 (0-0.5')	Total/NA	Solid	5035	
880-33780-13	H-13 (0-0.5')	Total/NA	Solid	5035	
880-33780-14	H-14 (0-0.5')	Total/NA	Solid	5035	
880-33780-15	H-15 (0-0.5')	Total/NA	Solid	5035	
880-33780-16	H-16 (0-0.5')	Total/NA	Solid	5035	
880-33780-17	H-17 (0-0.5')	Total/NA	Solid	5035	
880-33780-18	H-18 (0-0.5')	Total/NA	Solid	5035	
880-33780-19	H-19 (0-0.5')	Total/NA	Solid	5035	
880-33780-20	H-20 (0-0.5')	Total/NA	Solid	5035	
MB 880-63541/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-63541/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-63541/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-33780-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-33780-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 63638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-13	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-14	H-14 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-15	H-15 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-16	H-16 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-17	H-17 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-18	H-18 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-19	H-19 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-20	H-20 (0-0.5')	Total/NA	Solid	Total BTEX	
880-33780-21	H-21 (0-0.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 63538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-63538/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-63538/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-63538/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-33751-A-21-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-33751-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 63575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	63538
880-33780-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	63538
880-33780-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	63538
880-33780-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	63538
880-33780-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	63538
MB 880-63538/1-A	Method Blank	Total/NA	Solid	8015B NM	63538
LCS 880-63538/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	63538
LCSD 880-63538/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	63538
880-33751-A-21-E MS	Matrix Spike	Total/NA	Solid	8015B NM	63538
880-33751-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	63538

Prep Batch: 63580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-13	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-14	H-14 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-15	H-15 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-16	H-16 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-17	H-17 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-18	H-18 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-19	H-19 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-20	H-20 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-21	H-21 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-63580/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-63580/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-63580/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-33780-6 MS	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-33780-6 MSD	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 63688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	63580

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 63688 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-13	H-13 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-14	H-14 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-15	H-15 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-16	H-16 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-17	H-17 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-18	H-18 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-19	H-19 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-20	H-20 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-21	H-21 (0-0.5')	Total/NA	Solid	8015B NM	63580
MB 880-63580/1-A	Method Blank	Total/NA	Solid	8015B NM	63580
LCS 880-63580/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	63580
LCSD 880-63580/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	63580
880-33780-6 MS	H-6 (0-0.5')	Total/NA	Solid	8015B NM	63580
880-33780-6 MSD	H-6 (0-0.5')	Total/NA	Solid	8015B NM	63580

Analysis Batch: 63739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-13	H-13 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-14	H-14 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-15	H-15 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-16	H-16 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-17	H-17 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-18	H-18 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-19	H-19 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-20	H-20 (0-0.5')	Total/NA	Solid	8015 NM	
880-33780-21	H-21 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 63544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 63544 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-13	H-13 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-14	H-14 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-15	H-15 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-16	H-16 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-17	H-17 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-18	H-18 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-19	H-19 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-20	H-20 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-63544/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-63544/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-63544/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-33780-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-11 MS	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-11 MSD	H-11 (0-0.5')	Soluble	Solid	DI Leach	

Leach Batch: 63545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-21	H-21 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-63545/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-63545/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-63545/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-33780-21 MS	H-21 (0-0.5')	Soluble	Solid	DI Leach	
880-33780-21 MSD	H-21 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 63661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-1	H-1 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-2	H-2 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-3	H-3 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-4	H-4 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-5	H-5 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-6	H-6 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-7	H-7 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-8	H-8 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-9	H-9 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-10	H-10 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-11	H-11 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-12	H-12 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-13	H-13 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-14	H-14 (0-0.5')	Soluble	Solid	300.0	63544

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 63661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-15	H-15 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-16	H-16 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-17	H-17 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-18	H-18 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-19	H-19 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-20	H-20 (0-0.5')	Soluble	Solid	300.0	63544
MB 880-63544/1-A	Method Blank	Soluble	Solid	300.0	63544
LCS 880-63544/2-A	Lab Control Sample	Soluble	Solid	300.0	63544
LCSD 880-63544/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	63544
880-33780-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-11 MS	H-11 (0-0.5')	Soluble	Solid	300.0	63544
880-33780-11 MSD	H-11 (0-0.5')	Soluble	Solid	300.0	63544

Analysis Batch: 63666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33780-21	H-21 (0-0.5')	Soluble	Solid	300.0	63545
MB 880-63545/1-A	Method Blank	Soluble	Solid	300.0	63545
LCS 880-63545/2-A	Lab Control Sample	Soluble	Solid	300.0	63545
LCSD 880-63545/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	63545
880-33780-21 MS	H-21 (0-0.5')	Soluble	Solid	300.0	63545
880-33780-21 MSD	H-21 (0-0.5')	Soluble	Solid	300.0	63545

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-1

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 00:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 00:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/29/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	63538	09/28/23 15:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63575	09/29/23 17:36	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 12:47	CH	EET MID

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

Lab Sample ID: 880-33780-2

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 00:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 00:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/29/23 17:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	63538	09/28/23 15:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63575	09/29/23 17:59	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 13:04	CH	EET MID

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

Lab Sample ID: 880-33780-3

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 00:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 00:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/29/23 18:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	63538	09/28/23 15:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63575	09/29/23 18:22	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 13:10	CH	EET MID

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

Lab Sample ID: 880-33780-4

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 01:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 01:18	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5')**Lab Sample ID: 880-33780-4****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

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			63739	09/29/23 18:45	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	63538	09/28/23 15:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63575	09/29/23 18:45	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 13:16	CH	EET MID

Client Sample ID: H-5 (0-0.5')**Lab Sample ID: 880-33780-5****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 01:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/29/23 19:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	63538	09/28/23 15:42	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63575	09/29/23 19:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 13:22	CH	EET MID

Client Sample ID: H-6 (0-0.5')**Lab Sample ID: 880-33780-6****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 01:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 01:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 10:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 10:18	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 13:39	CH	EET MID

Client Sample ID: H-7 (0-0.5')**Lab Sample ID: 880-33780-7****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 02:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 02:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 11:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 11:24	SM	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')**Lab Sample ID: 880-33780-7****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

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	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 13:45	CH	EET MID

Client Sample ID: H-8 (0-0.5')**Lab Sample ID: 880-33780-8****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 02:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 02:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 11:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 11:46	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 13:51	CH	EET MID

Client Sample ID: H-9 (0-0.5')**Lab Sample ID: 880-33780-9****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 03:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 03:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 12:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 12:07	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 13:57	CH	EET MID

Client Sample ID: H-10 (0-0.5')**Lab Sample ID: 880-33780-10****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 03:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 03:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 12:29	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 12:29	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 14:02	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-11 (0-0.5')**Lab Sample ID: 880-33780-11****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 05:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 05:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 12:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.996 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 12:51	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 14:08	CH	EET MID

Client Sample ID: H-12 (0-0.5')**Lab Sample ID: 880-33780-12****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 05:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 13:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 13:12	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 14:26	CH	EET MID

Client Sample ID: H-13 (0-0.5')**Lab Sample ID: 880-33780-13****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 05:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 05:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 13:34	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 13:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 14:32	CH	EET MID

Client Sample ID: H-14 (0-0.5')**Lab Sample ID: 880-33780-14****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 06:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 06:12	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-33780-14

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

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			63739	09/30/23 13:56	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 13:56	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 14:49	CH	EET MID

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

Lab Sample ID: 880-33780-15

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 06:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 06:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 14:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 14:17	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 14:55	CH	EET MID

Client Sample ID: H-16 (0-0.5')

Lab Sample ID: 880-33780-16

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 06:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 06:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 15:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 15:01	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 15:01	CH	EET MID

Client Sample ID: H-17 (0-0.5')

Lab Sample ID: 880-33780-17

Date Collected: 09/25/23 00:00

Matrix: Solid

Date Received: 09/28/23 14:36

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 07:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 07:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 15:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 15:22	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-17 (0-0.5')**Lab Sample ID: 880-33780-17****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

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	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 15:07	CH	EET MID

Client Sample ID: H-18 (0-0.5')**Lab Sample ID: 880-33780-18****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 07:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 07:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 15:44	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 15:44	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 15:13	CH	EET MID

Client Sample ID: H-19 (0-0.5')**Lab Sample ID: 880-33780-19****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 07:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 07:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 16:06	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 16:06	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 15:18	CH	EET MID

Client Sample ID: H-20 (0-0.5')**Lab Sample ID: 880-33780-20****Date Collected: 09/25/23 00:00****Matrix: Solid****Date Received: 09/28/23 14:36**

Prep 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	63541	09/28/23 15:22	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63479	09/29/23 08:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 08:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 16:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 16:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	63544	09/28/23 15:36	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63661	10/02/23 15:24	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Client Sample ID: H-21 (0-0.5')
Date Collected: 09/25/23 00:00
Date Received: 09/28/23 14:36

Lab Sample ID: 880-33780-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	63531	09/28/23 15:02	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	63478	09/29/23 04:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			63638	09/29/23 04:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			63739	09/30/23 16:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	63580	09/29/23 08:43	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	63688	09/30/23 16:48	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	63545	09/28/23 15:38	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	63666	10/02/23 08:58	CH	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
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	T104704400-23-26	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

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

Protocol References:
ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

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

Sample Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-33780-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-33780-1	H-1 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-2	H-2 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-3	H-3 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-4	H-4 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-5	H-5 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-6	H-6 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-7	H-7 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-8	H-8 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-9	H-9 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-10	H-10 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-11	H-11 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-12	H-12 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-13	H-13 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-14	H-14 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-15	H-15 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-16	H-16 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-17	H-17 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-18	H-18 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-19	H-19 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-20	H-20 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36
880-33780-21	H-21 (0-0.5')	Solid	09/25/23 00:00	09/28/23 14:36

Project Manager		Conner Moehring		Bill to (if different)		Todd Wells	
Company Name		Carmona Resources		Company Name		EOG Resources	
Address		310 W Wall St Ste 500		Address		5509 Champions Dr	
City, State ZIP		Midland, TX 79701		City, State ZIP		Midland, TX 79706	
Phone		(432) 813-6823		Email		Todd.Wells@eogresources.com	

Project Name		Gem to Quiote - Line Spill		Turn Around		ANALYSIS REQUEST	
Project Number		2124		☐ Routine ☒ Rush		Program Code BTEX 8021B TPH TX-1005 (Ext to G35) Chloride 300.0	
Project Location		Lea County, New Mexico		Due Date		72 Hours	
Sampler's Name		GPJ		Parameters			
PO #				Temp Blank		Yes ☒ No ☐	
Received Intact		Yes ☒ No ☐		Thermometer ID		Yes ☒ No ☐	
Cooler Custody Seals		Yes ☒ No ☐		Correction Factor		-1.5	
Sample Custody Seals		Yes ☒ No ☐		Temperature Reading		-10.6	
Total Containers				Corrected Temperature		-10.6	

Sample Identification	Date	Time	Soil	Water	Grab Comp	# of Cont	Preservative Codes
H-1 (0-0.5')	9/25/2023		X		G	1	DI Water H ₂ O
H-2 (0-0.5')	9/25/2023		X		G	1	Cool Cool MeOH Me
H-3 (0-0.5')	9/25/2023		X		G	1	HCL HC HNO ₃ HN
H-4 (0-0.5')	9/25/2023		X		G	1	H ₂ SO ₄ H ₂ NaOH Na
H-5 (0-0.5')	9/25/2023		X		G	1	H ₃ PO ₄ HP
H-6 (0-0.5')	9/25/2023		X		G	1	NaHSO ₄ NABIS
H-7 (0-0.5')	9/25/2023		X		G	1	Na ₂ S ₂ O ₃ NaSO ₃
H-8 (0-0.5')	9/25/2023		X		G	1	Zn Acetate+NaOH Zn
H-9 (0-0.5')	9/25/2023		X		G	1	NaOH+Ascorbic Acid SAPC
H-10 (0-0.5')	9/25/2023		X		G	1	

Comments Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com and Devin Dominguez / ddominguez@carmonarresources.com

Relinquished by (Signature)		Date/Time	
		9/28/23 1436	
Received by (Signature)		Date/Time	



880-33780 Chain of Custody

Page 1 of 3

11/10/2023 (Rev. 1)

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Work Order No: 33180

Page 2 of 3

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State Zip	Midland, TX 79701	City, State Zip	Midland, TX 79706
Phone	(432) 813-6823	Email	Todd.Wells@eogresources.com

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

Project Name	Gem to Quiote - Line Spill	Turn Around	☐ Routine ☒ Rush	72 Hours	Parameters	ANALYSIS REQUEST										Preservative Codes	
Project Number	2124				Param. Code											None NO DI Water H ₂ O	
Project Location	Lea County, New Mexico	Due Date														Cool Cool MeOH Me	
Sampler's Name	GPJ															HCL HC HNO ₃ HN	
PO #																H ₂ SO ₄ H ₂ NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	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		TP		NaOH+Ascorbic Acid SAPC															
																		Sample Comments																		
H-11 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-12 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-13 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-14 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-15 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-16 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-17 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-18 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-19 (0-0.5)									9/25/2023				X				G		1		X		X		X											
H-20 (0-0.5)									9/25/2023				X				G		1		X		X		X											

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	9/28/23 1430		

Loc.: 880
33780

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-33780-1

SDG Number: Lea County, New Mexico

Login Number: 33780

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/10/2023 4:56:10 PM Revision 1

JOB DESCRIPTION

Gem to Quijote-Line Spill
SDG NUMBER Lea County, New Mexico

JOB NUMBER

880-34470-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



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

Generated
11/10/2023 4:56:10 PM
Revision 1

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Laboratory Job ID: 880-34470-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
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
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Midland

Definitions/Glossary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Glossary (Continued)

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

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Case Narrative

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Job ID: 880-34470-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-34470-1**REVISION

The report being provided is a revision of the original report sent on 10/19/2023. The report (revision 1) is being revised due to per client email, revised report to include corrected COC.

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

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

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

Receipt

The samples were received on 10/16/2023 2:29 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1') (880-34470-1), T-1 (1.5') (880-34470-2), T-1 (2.0') (880-34470-3), T-1 (3.0') (880-34470-4), T-1 (4.0') (880-34470-5), T-2 (0-1') (880-34470-6), T-2 (1.5') (880-34470-7), T-2 (2.0') (880-34470-8), T-2 (3.0') (880-34470-9), T-2 (4.0') (880-34470-10), T-3 (0-1') (880-34470-11), T-3 (1.5') (880-34470-12), T-3 (2.0') (880-34470-13), T-3 (3.0') (880-34470-14), T-3 (4.0') (880-34470-15), T-4 (0-1') (880-34470-16), T-4 (1.5') (880-34470-17), T-4 (2.0') (880-34470-18), T-4 (3.0') (880-34470-19), T-4 (4.0') (880-34470-20), T-5 (0-1') (880-34470-21), T-5 (1.5') (880-34470-22), T-5 (2.0') (880-34470-23), T-5 (3.0') (880-34470-24), T-5 (4.0') (880-34470-25), T-6 (0-1') (880-34470-26), T-6 (1.5') (880-34470-27), T-6 (2.0') (880-34470-28), T-6 (3.0') (880-34470-29), T-6 (4.0') (880-34470-30), T-7 (0-1') (880-34470-31), T-7 (1.5') (880-34470-32), T-7 (2.0') (880-34470-33), T-7 (3.0') (880-34470-34), T-7 (4.0') (880-34470-35), T-8 (0-1') (880-34470-36), T-8 (1.5') (880-34470-37), T-8 (2.0') (880-34470-38), T-8 (3.0') (880-34470-39), T-8 (4.0') (880-34470-40), T-9 (0-1') (880-34470-41), T-9 (1.5') (880-34470-42), T-9 (2.0') (880-34470-43), T-9 (3.0') (880-34470-44), T-9 (4.0') (880-34470-45), T-10 (0-1') (880-34470-46), T-10 (1.5') (880-34470-47), T-10 (2.0') (880-34470-48), T-10 (3.0') (880-34470-49), T-10 (4.0') (880-34470-50), T-11 (0-1') (880-34470-51), T-11 (1.5') (880-34470-52), T-11 (2.0') (880-34470-53), T-11 (3.0') (880-34470-54), T-11 (4.0') (880-34470-55), T-12 (0-1') (880-34470-56), T-12 (1.5') (880-34470-57), T-12 (2.0') (880-34470-58), T-12 (3.0') (880-34470-59), T-12 (4.0') (880-34470-60), T-13 (0-1') (880-34470-61), T-13 (1.5') (880-34470-62), T-13 (2.0') (880-34470-63), T-13 (3.0') (880-34470-64), T-13 (4.0') (880-34470-65), T-14 (0-1') (880-34470-66), T-14 (1.5') (880-34470-67), T-14 (2.0') (880-34470-68), T-14 (3.0') (880-34470-69), T-14 (4.0') (880-34470-70), T-15 (0-1') (880-34470-71), T-15 (1.5') (880-34470-72), T-15 (2.0') (880-34470-73), T-15 (3.0') (880-34470-74), T-15 (4.0') (880-34470-75), T-16 (0-1') (880-34470-76), T-16 (1.5') (880-34470-77), T-16 (2.0') (880-34470-78), T-16 (3.0') (880-34470-79), T-16 (4.0') (880-34470-80), T-17 (0-1') (880-34470-81), T-17 (1.5') (880-34470-82), T-17 (2.0') (880-34470-83), T-17 (3.0') (880-34470-84) and T-17 (4.0') (880-34470-85).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-64809 and analytical batch 880-64758 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-64811 and analytical batch 880-64864 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-64813 and analytical batch 880-64863 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or

Case Narrative

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Job ID: 880-34470-1 (Continued)**Laboratory: Eurofins Midland (Continued)**

non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-11 (4.0') (880-34470-55), T-12 (2.0') (880-34470-58) and (LCS 880-64813/1-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-5 (0-1') (880-34470-21), T-5 (1.5') (880-34470-22), T-5 (3.0') (880-34470-24), T-7 (0-1') (880-34470-31), T-7 (2.0') (880-34470-33) and T-7 (3.0') (880-34470-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-13 (0-1') (880-34470-61), T-13 (1.5') (880-34470-62), T-13 (2.0') (880-34470-63), T-13 (3.0') (880-34470-64), T-13 (4.0') (880-34470-65), T-14 (0-1') (880-34470-66), T-14 (1.5') (880-34470-67), T-14 (2.0') (880-34470-68), T-14 (3.0') (880-34470-69), T-14 (4.0') (880-34470-70), T-15 (0-1') (880-34470-71), T-15 (1.5') (880-34470-72), T-15 (2.0') (880-34470-73), T-15 (3.0') (880-34470-74), T-15 (4.0') (880-34470-75), T-16 (0-1') (880-34470-76), T-16 (1.5') (880-34470-77), T-16 (2.0') (880-34470-78), T-16 (3.0') (880-34470-79) and T-16 (4.0') (880-34470-80). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-64812 and analytical batch 880-64864 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-64814/1-A) and (LCSD 880-64814/2-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-9 (2.0') (880-34470-43), (880-34470-A-41-H MS) and (880-34470-A-41-I MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-11 (0-1') (880-34470-51), T-12 (1.5') (880-34470-57) and T-12 (3.0') (880-34470-59). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-64853/20), (CCV 880-64853/31), (CCV 880-64853/47), (CCV 880-64853/5) and (CCV 880-64853/58). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-64859 and analytical batch 880-64853 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-13 (3.0') (880-34470-64), T-14 (3.0') (880-34470-69), T-15 (0-1') (880-34470-71), T-15 (1.5') (880-34470-72), T-15 (2.0') (880-34470-73), T-15 (3.0') (880-34470-74), T-15 (4.0') (880-34470-75), T-16 (1.5') (880-34470-77), T-16 (2.0') (880-34470-78), T-16 (4.0') (880-34470-80) and (880-34470-A-61-I MSD). 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 880-64860 and analytical batch 880-64854 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-64854 recovered below the lower control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been

Case Narrative

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Job ID: 880-34470-1 (Continued)

Laboratory: Eurofins Midland (Continued)

qualified and reported. The associated sample is impacted: (CCV 880-64854/58).

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64857 and analytical batch 880-64848 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-1 (1.5') (880-34470-2), T-1 (3.0') (880-34470-4), T-2 (0-1') (880-34470-6), T-2 (4.0') (880-34470-10), T-3 (2.0') (880-34470-13), T-4 (2.0') (880-34470-18) and (880-34470-A-1-I MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-64848/20), (CCV 880-64848/31) and (CCV 880-64848/5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-64858 and 880-64861 and analytical batch 880-64850 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-6 (0-1') (880-34470-26) and T-6 (4.0') (880-34470-30). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-17 (1.5') (880-34470-82), T-17 (3.0') (880-34470-84) and T-17 (4.0') (880-34470-85). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-64858 and analytical batch 880-64850 was outside control limits. Sample non-homogeneity is suspected.

Method 8015MOD_NM: The method blank for preparation batch 880-64861 and analytical batch 880-64850 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64820 and analytical batch 880-64901 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 880-64820 and 880-64820 and analytical batch 880-64901 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 880-64822 and 880-64822 and analytical batch 880-64890 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 880-64819 and analytical batch 880-64903 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-1

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:27	10/17/23 12:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:27	10/17/23 12:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:27	10/17/23 12:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 15:27	10/17/23 12:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:27	10/17/23 12:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 15:27	10/17/23 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	10/16/23 15:27	10/17/23 12:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/16/23 15:27	10/17/23 12:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/17/23 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/23 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		10/17/23 08:30	10/17/23 11:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 11:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	10/17/23 08:30	10/17/23 11:23	1
o-Terphenyl	101		70 - 130	10/17/23 08:30	10/17/23 11:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	518	F1	4.98		mg/Kg			10/18/23 02:11	1

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-34470-2

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 12:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 12:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 12:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 12:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 12:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	10/16/23 15:27	10/17/23 12:59	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/16/23 15:27	10/17/23 12:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-34470-2

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 12:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 12:28	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 12:28	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 12:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130				10/17/23 08:30	10/17/23 12:28	1
o-Terphenyl	118		70 - 130				10/17/23 08:30	10/17/23 12:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	740		4.97		mg/Kg			10/18/23 02:31	1

Client Sample ID: T-1 (2.0')

Lab Sample ID: 880-34470-3

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 13:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 13:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 13:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:27	10/17/23 13:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 13:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:27	10/17/23 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/16/23 15:27	10/17/23 13:19	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/16/23 15:27	10/17/23 13:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/23 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/17/23 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/17/23 08:30	10/17/23 12:50	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/17/23 08:30	10/17/23 12:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (2.0')

Lab Sample ID: 880-34470-3

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/17/23 08:30	10/17/23 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				10/17/23 08:30	10/17/23 12:50	1
o-Terphenyl	103		70 - 130				10/17/23 08:30	10/17/23 12:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.9		5.04		mg/Kg			10/18/23 02:38	1

Client Sample ID: T-1 (3.0')

Lab Sample ID: 880-34470-4

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 13:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 13:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 13:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:27	10/17/23 13:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 13:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:27	10/17/23 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/16/23 15:27	10/17/23 13:40	1
1,4-Difluorobenzene (Surr)	107		70 - 130				10/16/23 15:27	10/17/23 13:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/17/23 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/17/23 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/23 08:30	10/17/23 13:12	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/23 08:30	10/17/23 13:12	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/23 08:30	10/17/23 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				10/17/23 08:30	10/17/23 13:12	1
o-Terphenyl	108		70 - 130				10/17/23 08:30	10/17/23 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.04		mg/Kg			10/18/23 02:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (4.0')

Lab Sample ID: 880-34470-5

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 14:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 14:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 14:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:27	10/17/23 14:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 14:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:27	10/17/23 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	10/16/23 15:27	10/17/23 14:00	1
1,4-Difluorobenzene (Surr)	107		70 - 130	10/16/23 15:27	10/17/23 14:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/17/23 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/23 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/23 08:30	10/17/23 13:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/23 08:30	10/17/23 13:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:30	10/17/23 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	10/17/23 08:30	10/17/23 13:34	1
o-Terphenyl	98		70 - 130	10/17/23 08:30	10/17/23 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		4.98		mg/Kg			10/18/23 02:51	1

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

Lab Sample ID: 880-34470-6

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 14:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 14:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 14:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 14:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 14:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	10/16/23 15:27	10/17/23 14:21	1
1,4-Difluorobenzene (Surr)	112		70 - 130	10/16/23 15:27	10/17/23 14:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-6

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/23 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 13:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 13:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				10/17/23 08:30	10/17/23 13:56	1
o-Terphenyl	109		70 - 130				10/17/23 08:30	10/17/23 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.04		mg/Kg			10/18/23 03:11	1

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-34470-7

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 14:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 14:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 14:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 14:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 14:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/16/23 15:27	10/17/23 14:41	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/16/23 15:27	10/17/23 14:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 14:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 14:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				10/17/23 08:30	10/17/23 14:18	1
o-Terphenyl	98		70 - 130				10/17/23 08:30	10/17/23 14:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		5.03		mg/Kg			10/18/23 03:18	1

Client Sample ID: T-2 (2.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 15:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 15:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 15:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:27	10/17/23 15:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 15:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:27	10/17/23 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/16/23 15:27	10/17/23 15:02	1
1,4-Difluorobenzene (Surr)	110		70 - 130				10/16/23 15:27	10/17/23 15:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/23 15:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 14:40	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 14:40	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				10/17/23 08:30	10/17/23 14:40	1
o-Terphenyl	99		70 - 130				10/17/23 08:30	10/17/23 14:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		5.03		mg/Kg			10/18/23 03:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (3.0')

Lab Sample ID: 880-34470-9

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 15:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 15:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 15:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:27	10/17/23 15:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 15:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:27	10/17/23 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	10/16/23 15:27	10/17/23 15:22	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/16/23 15:27	10/17/23 15:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/17/23 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			10/17/23 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 15:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 15:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	10/17/23 08:30	10/17/23 15:03	1
o-Terphenyl	101		70 - 130	10/17/23 08:30	10/17/23 15:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.6		5.04		mg/Kg			10/18/23 03:31	1

Client Sample ID: T-2 (4.0')

Lab Sample ID: 880-34470-10

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 15:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 15:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 15:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:27	10/17/23 15:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 15:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:27	10/17/23 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/16/23 15:27	10/17/23 15:42	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/16/23 15:27	10/17/23 15:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (4.0')

Lab Sample ID: 880-34470-10

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/17/23 15:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/23 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/23 08:30	10/17/23 15:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/23 08:30	10/17/23 15:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/23 08:30	10/17/23 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				10/17/23 08:30	10/17/23 15:24	1
o-Terphenyl	112		70 - 130				10/17/23 08:30	10/17/23 15:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.02		mg/Kg			10/18/23 03:38	1

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

Lab Sample ID: 880-34470-11

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 17:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 17:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 17:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 17:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 17:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/16/23 15:27	10/17/23 17:33	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/16/23 15:27	10/17/23 17:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/23 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:30	10/17/23 16:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:30	10/17/23 16:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-11

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:30	10/17/23 16:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				10/17/23 08:30	10/17/23 16:08	1
o-Terphenyl	94		70 - 130				10/17/23 08:30	10/17/23 16:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1220		4.96		mg/Kg			10/18/23 03:45	1

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-34470-12

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 17:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 17:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 17:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 17:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 17:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				10/16/23 15:27	10/17/23 17:53	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/16/23 15:27	10/17/23 17:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 16:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 16:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				10/17/23 08:30	10/17/23 16:30	1
o-Terphenyl	98		70 - 130				10/17/23 08:30	10/17/23 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	411		4.97		mg/Kg			10/18/23 04:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (2.0')

Lab Sample ID: 880-34470-13

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 18:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 18:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 18:14	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:27	10/17/23 18:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 18:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:27	10/17/23 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/16/23 15:27	10/17/23 18:14	1
1,4-Difluorobenzene (Surr)	113		70 - 130	10/16/23 15:27	10/17/23 18:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/23 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/17/23 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:30	10/17/23 16:52	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:30	10/17/23 16:52	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:30	10/17/23 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	10/17/23 08:30	10/17/23 16:52	1
o-Terphenyl	112		70 - 130	10/17/23 08:30	10/17/23 16:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	533		5.03		mg/Kg			10/18/23 04:11	1

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-34470-14

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 18:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 18:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 18:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:27	10/17/23 18:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:27	10/17/23 18:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:27	10/17/23 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/16/23 15:27	10/17/23 18:34	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/16/23 15:27	10/17/23 18:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-34470-14

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/17/23 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 17:14	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 17:14	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				10/17/23 08:30	10/17/23 17:14	1
o-Terphenyl	105		70 - 130				10/17/23 08:30	10/17/23 17:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		4.98		mg/Kg			10/18/23 04:31	1

Client Sample ID: T-3 (4.0')

Lab Sample ID: 880-34470-15

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 18:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 18:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 18:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:27	10/17/23 18:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 18:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:27	10/17/23 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/16/23 15:27	10/17/23 18:55	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/16/23 15:27	10/17/23 18:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/17/23 18:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 17:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 17:36	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 17:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (4.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-15

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:30	10/17/23 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				10/17/23 08:30	10/17/23 17:36	1
o-Terphenyl	100		70 - 130				10/17/23 08:30	10/17/23 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		5.01		mg/Kg			10/18/23 04:38	1

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

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-16

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 19:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 19:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 19:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 19:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:27	10/17/23 19:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:27	10/17/23 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/16/23 15:27	10/17/23 19:15	1
1,4-Difluorobenzene (Surr)	114		70 - 130				10/16/23 15:27	10/17/23 19:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 17:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 17:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:30	10/17/23 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				10/17/23 08:30	10/17/23 17:58	1
o-Terphenyl	100		70 - 130				10/17/23 08:30	10/17/23 17:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	963		5.03		mg/Kg			10/18/23 04:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-34470-17

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:27	10/17/23 19:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:27	10/17/23 19:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:27	10/17/23 19:36	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 15:27	10/17/23 19:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:27	10/17/23 19:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 15:27	10/17/23 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/16/23 15:27	10/17/23 19:36	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/16/23 15:27	10/17/23 19:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/17/23 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/17/23 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/17/23 08:30	10/17/23 18:20	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/23 08:30	10/17/23 18:20	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/23 08:30	10/17/23 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	10/17/23 08:30	10/17/23 18:20	1
o-Terphenyl	91		70 - 130	10/17/23 08:30	10/17/23 18:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	929		4.97		mg/Kg			10/18/23 04:51	1

Client Sample ID: T-4 (2.0')

Lab Sample ID: 880-34470-18

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 19:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 19:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 19:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 15:27	10/17/23 19:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 19:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 15:27	10/17/23 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/16/23 15:27	10/17/23 19:56	1
1,4-Difluorobenzene (Surr)	120		70 - 130	10/16/23 15:27	10/17/23 19:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (2.0')

Lab Sample ID: 880-34470-18

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/17/23 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	56.1		50.5		mg/Kg			10/17/23 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/17/23 08:30	10/17/23 18:42	1
Diesel Range Organics (Over C10-C28)	56.1		50.5		mg/Kg		10/17/23 08:30	10/17/23 18:42	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/17/23 08:30	10/17/23 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				10/17/23 08:30	10/17/23 18:42	1
o-Terphenyl	111		70 - 130				10/17/23 08:30	10/17/23 18:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	382		4.97		mg/Kg			10/18/23 04:58	1

Client Sample ID: T-4 (3.0')

Lab Sample ID: 880-34470-19

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 20:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 20:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 20:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:27	10/17/23 20:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 20:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:27	10/17/23 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/16/23 15:27	10/17/23 20:16	1
1,4-Difluorobenzene (Surr)	115		70 - 130				10/16/23 15:27	10/17/23 20:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/23 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/17/23 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/17/23 08:30	10/17/23 19:04	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/17/23 08:30	10/17/23 19:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (3.0')

Lab Sample ID: 880-34470-19

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/17/23 08:30	10/17/23 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				10/17/23 08:30	10/17/23 19:04	1
o-Terphenyl	101		70 - 130				10/17/23 08:30	10/17/23 19:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3000		24.8		mg/Kg			10/18/23 05:05	5

Client Sample ID: T-4 (4.0')

Lab Sample ID: 880-34470-20

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 20:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 20:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 20:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:27	10/17/23 20:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 20:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:27	10/17/23 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/16/23 15:27	10/17/23 20:37	1
1,4-Difluorobenzene (Surr)	106		70 - 130				10/16/23 15:27	10/17/23 20:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/17/23 20:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/23 19:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 19:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 19:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/23 08:30	10/17/23 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				10/17/23 08:30	10/17/23 19:26	1
o-Terphenyl	100		70 - 130				10/17/23 08:30	10/17/23 19:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		4.97		mg/Kg			10/18/23 05:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-21

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00282		0.00200		mg/Kg		10/16/23 15:29	10/18/23 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 00:15	1
m-Xylene & p-Xylene	0.00536		0.00401		mg/Kg		10/16/23 15:29	10/18/23 00:15	1
o-Xylene	0.00542		0.00200		mg/Kg		10/16/23 15:29	10/18/23 00:15	1
Xylenes, Total	0.0108		0.00401		mg/Kg		10/16/23 15:29	10/18/23 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	316	S1+	70 - 130	10/16/23 15:29	10/18/23 00:15	1
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130	10/16/23 15:29	10/18/23 00:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0136		0.00401		mg/Kg			10/18/23 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 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	<50.2	U F2	50.2		mg/Kg		10/17/23 08:33	10/17/23 11:23	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:33	10/17/23 11:23	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:33	10/17/23 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/17/23 08:33	10/17/23 11:23	1
o-Terphenyl	107		70 - 130	10/17/23 08:33	10/17/23 11:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	873	F1	5.04		mg/Kg			10/18/23 00:09	1

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-34470-22

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 00:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 00:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 00:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 00:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 00:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	10/16/23 15:29	10/18/23 00:36	1
1,4-Difluorobenzene (Surr)	137	S1+	70 - 130	10/16/23 15:29	10/18/23 00:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-34470-22

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/23 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/23 08:33	10/17/23 12:28	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/23 08:33	10/17/23 12:28	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:33	10/17/23 12:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				10/17/23 08:33	10/17/23 12:28	1
o-Terphenyl	102		70 - 130				10/17/23 08:33	10/17/23 12:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		5.05		mg/Kg			10/18/23 00:26	1

Client Sample ID: T-5 (2.0')

Lab Sample ID: 880-34470-23

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 00:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 00:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 00:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 00:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 00:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				10/16/23 15:29	10/18/23 00:57	1
1,4-Difluorobenzene (Surr)	107		70 - 130				10/16/23 15:29	10/18/23 00:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 00:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/17/23 12:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 12:50	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 12:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (2.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-23

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				10/17/23 08:33	10/17/23 12:50	1
o-Terphenyl	119		70 - 130				10/17/23 08:33	10/17/23 12:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		5.05		mg/Kg			10/18/23 00:31	1

Client Sample ID: T-5 (3.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-24

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 01:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 01:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 01:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:29	10/18/23 01:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 01:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:29	10/18/23 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/16/23 15:29	10/18/23 01:17	1
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130				10/16/23 15:29	10/18/23 01:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 01:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/17/23 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 13:12	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 13:12	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				10/17/23 08:33	10/17/23 13:12	1
o-Terphenyl	117		70 - 130				10/17/23 08:33	10/17/23 13:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		4.96		mg/Kg			10/18/23 00:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (4.0')

Lab Sample ID: 880-34470-25

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 01:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 01:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 01:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:29	10/18/23 01:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 01:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:29	10/18/23 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/16/23 15:29	10/18/23 01:38	1
1,4-Difluorobenzene (Surr)	116		70 - 130	10/16/23 15:29	10/18/23 01:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/23 01:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:33	10/17/23 13:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:33	10/17/23 13:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:33	10/17/23 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	10/17/23 08:33	10/17/23 13:34	1
o-Terphenyl	111		70 - 130	10/17/23 08:33	10/17/23 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		4.99		mg/Kg			10/18/23 00:42	1

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-34470-26

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 01:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 01:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 01:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:29	10/18/23 01:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 01:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:29	10/18/23 01:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	10/16/23 15:29	10/18/23 01:58	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/16/23 15:29	10/18/23 01:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-34470-26

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/23 01:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/23 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 13:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 13:56	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130				10/17/23 08:33	10/17/23 13:56	1
o-Terphenyl	137	S1+	70 - 130				10/17/23 08:33	10/17/23 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2420		25.0		mg/Kg			10/18/23 01:00	5

Client Sample ID: T-6 (1.5')

Lab Sample ID: 880-34470-27

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 02:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 02:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 02:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 15:29	10/18/23 02:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 02:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 15:29	10/18/23 02:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/16/23 15:29	10/18/23 02:19	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/16/23 15:29	10/18/23 02:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/23 02:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/17/23 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 14:18	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 14:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-27

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	10/17/23 08:33	10/17/23 14:18	1
o-Terphenyl	117		70 - 130	10/17/23 08:33	10/17/23 14:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	873		5.03		mg/Kg			10/18/23 01:05	1

Client Sample ID: T-6 (2.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-28

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 02:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 02:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 02:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 02:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 02:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 02:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/16/23 15:29	10/18/23 02:39	1
1,4-Difluorobenzene (Surr)	104		70 - 130	10/16/23 15:29	10/18/23 02:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 02:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/17/23 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 14:40	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 14:40	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	10/17/23 08:33	10/17/23 14:40	1
o-Terphenyl	121		70 - 130	10/17/23 08:33	10/17/23 14:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	263		4.99		mg/Kg			10/18/23 01:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (3.0')

Lab Sample ID: 880-34470-29

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 03:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 03:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 03:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 03:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 03:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	10/16/23 15:29	10/18/23 03:00	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/16/23 15:29	10/18/23 03:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/17/23 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 15:03	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 15:03	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	10/17/23 08:33	10/17/23 15:03	1
o-Terphenyl	116		70 - 130	10/17/23 08:33	10/17/23 15:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	343		5.01		mg/Kg			10/18/23 01:16	1

Client Sample ID: T-6 (4.0')

Lab Sample ID: 880-34470-30

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 03:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 03:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 03:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:29	10/18/23 03:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 03:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:29	10/18/23 03:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/16/23 15:29	10/18/23 03:20	1
1,4-Difluorobenzene (Surr)	118		70 - 130	10/16/23 15:29	10/18/23 03:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (4.0')

Lab Sample ID: 880-34470-30

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 03:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/23 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 15:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 15:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				10/17/23 08:33	10/17/23 15:24	1
o-Terphenyl	132	S1+	70 - 130				10/17/23 08:33	10/17/23 15:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.00		mg/Kg			10/18/23 01:22	1

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-34470-31

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 05:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 05:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 05:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:29	10/18/23 05:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 05:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:29	10/18/23 05:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	208	S1+	70 - 130				10/16/23 15:29	10/18/23 05:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130				10/16/23 15:29	10/18/23 05:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/23 05:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/23 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 16:08	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 16:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-34470-31

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/23 08:33	10/17/23 16:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				10/17/23 08:33	10/17/23 16:08	1
o-Terphenyl	114		70 - 130				10/17/23 08:33	10/17/23 16:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.01		mg/Kg			10/18/23 01:28	1

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-34470-32

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 05:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 05:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 05:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:29	10/18/23 05:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 05:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:29	10/18/23 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				10/16/23 15:29	10/18/23 05:31	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/16/23 15:29	10/18/23 05:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/23 05:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/17/23 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 16:30	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 16:30	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				10/17/23 08:33	10/17/23 16:30	1
o-Terphenyl	100		70 - 130				10/17/23 08:33	10/17/23 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	792		5.03		mg/Kg			10/18/23 01:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (2.0')

Lab Sample ID: 880-34470-33

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 05:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 05:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 05:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 15:29	10/18/23 05:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 05:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 15:29	10/18/23 05:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	10/16/23 15:29	10/18/23 05:52	1
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130	10/16/23 15:29	10/18/23 05:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/23 05:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/17/23 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 16:52	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 16:52	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	10/17/23 08:33	10/17/23 16:52	1
o-Terphenyl	116		70 - 130	10/17/23 08:33	10/17/23 16:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6040		49.6		mg/Kg			10/18/23 01:50	10

Client Sample ID: T-7 (3.0')

Lab Sample ID: 880-34470-34

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 06:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 06:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 06:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 06:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 06:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	242	S1+	70 - 130	10/16/23 15:29	10/18/23 06:12	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/16/23 15:29	10/18/23 06:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (3.0')

Lab Sample ID: 880-34470-34

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/17/23 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 17:14	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 17:14	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/23 08:33	10/17/23 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/17/23 08:33	10/17/23 17:14	1
o-Terphenyl	98		70 - 130				10/17/23 08:33	10/17/23 17:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	314		5.04		mg/Kg			10/18/23 02:07	1

Client Sample ID: T-7 (4.0')

Lab Sample ID: 880-34470-35

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 06:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 06:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 06:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 06:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 06:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 06:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				10/16/23 15:29	10/18/23 06:33	1
1,4-Difluorobenzene (Surr)	112		70 - 130				10/16/23 15:29	10/18/23 06:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 06:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/17/23 17:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 17:36	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 17:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (4.0')

Lab Sample ID: 880-34470-35

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				10/17/23 08:33	10/17/23 17:36	1
o-Terphenyl	105		70 - 130				10/17/23 08:33	10/17/23 17:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	275		5.02		mg/Kg			10/18/23 02:13	1

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-34470-36

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 06:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 06:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 06:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:29	10/18/23 06:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 06:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:29	10/18/23 06:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/16/23 15:29	10/18/23 06:53	1
1,4-Difluorobenzene (Surr)	108		70 - 130				10/16/23 15:29	10/18/23 06:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 06:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/17/23 17:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 17:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 17:58	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/23 08:33	10/17/23 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				10/17/23 08:33	10/17/23 17:58	1
o-Terphenyl	94		70 - 130				10/17/23 08:33	10/17/23 17:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	604		5.00		mg/Kg			10/18/23 02:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-34470-37

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 07:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 07:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 07:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:29	10/18/23 07:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:29	10/18/23 07:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:29	10/18/23 07:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	10/16/23 15:29	10/18/23 07:14	1
1,4-Difluorobenzene (Surr)	116		70 - 130	10/16/23 15:29	10/18/23 07:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/23 07:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			10/17/23 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		10/17/23 08:33	10/17/23 18:20	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		10/17/23 08:33	10/17/23 18:20	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		10/17/23 08:33	10/17/23 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	10/17/23 08:33	10/17/23 18:20	1
o-Terphenyl	110		70 - 130	10/17/23 08:33	10/17/23 18:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		4.96		mg/Kg			10/18/23 02:24	1

Client Sample ID: T-8 (2.0')

Lab Sample ID: 880-34470-38

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 07:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 07:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 07:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:29	10/18/23 07:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/18/23 07:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:29	10/18/23 07:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/16/23 15:29	10/18/23 07:34	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/16/23 15:29	10/18/23 07:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (2.0')

Lab Sample ID: 880-34470-38

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/23 07:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			10/17/23 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		10/17/23 08:33	10/17/23 18:42	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		10/17/23 08:33	10/17/23 18:42	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		10/17/23 08:33	10/17/23 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				10/17/23 08:33	10/17/23 18:42	1
o-Terphenyl	98		70 - 130				10/17/23 08:33	10/17/23 18:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	212		4.98		mg/Kg			10/18/23 02:30	1

Client Sample ID: T-8 (3.0')

Lab Sample ID: 880-34470-39

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 07:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 07:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 07:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 07:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:29	10/18/23 07:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:29	10/18/23 07:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/16/23 15:29	10/18/23 07:55	1
1,4-Difluorobenzene (Surr)	112		70 - 130				10/16/23 15:29	10/18/23 07:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 07:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/17/23 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 19:04	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 19:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (3.0')

Lab Sample ID: 880-34470-39

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:33	10/17/23 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/17/23 08:33	10/17/23 19:04	1
o-Terphenyl	109		70 - 130				10/17/23 08:33	10/17/23 19:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	293		4.97		mg/Kg			10/18/23 02:35	1

Client Sample ID: T-8 (4.0')

Lab Sample ID: 880-34470-40

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 08:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 08:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 08:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 15:29	10/18/23 08:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:29	10/18/23 08:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 15:29	10/18/23 08:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/16/23 15:29	10/18/23 08:15	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/16/23 15:29	10/18/23 08:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/23 08:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/17/23 19:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 19:26	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 19:26	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/17/23 08:33	10/17/23 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/17/23 08:33	10/17/23 19:26	1
o-Terphenyl	112		70 - 130				10/17/23 08:33	10/17/23 19:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.0		5.01		mg/Kg			10/18/23 02:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-34470-41

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1 F2	0.00199		mg/Kg		10/16/23 15:34	10/17/23 23:11	1
Toluene	<0.00199	U F1 F2	0.00199		mg/Kg		10/16/23 15:34	10/17/23 23:11	1
Ethylbenzene	<0.00199	U F1 F2	0.00199		mg/Kg		10/16/23 15:34	10/17/23 23:11	1
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.00398		mg/Kg		10/16/23 15:34	10/17/23 23:11	1
o-Xylene	<0.00199	U F1 F2	0.00199		mg/Kg		10/16/23 15:34	10/17/23 23:11	1
Xylenes, Total	<0.00398	U F1 F2	0.00398		mg/Kg		10/16/23 15:34	10/17/23 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	10/16/23 15:34	10/17/23 23:11	1
1,4-Difluorobenzene (Surr)	85		70 - 130	10/16/23 15:34	10/17/23 23:11	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			10/17/23 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/23 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	50.1		mg/Kg		10/17/23 08:36	10/17/23 11:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		10/17/23 08:36	10/17/23 11:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:36	10/17/23 11:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	10/17/23 08:36	10/17/23 11:07	1
o-Terphenyl	75		70 - 130	10/17/23 08:36	10/17/23 11:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300		24.8		mg/Kg			10/18/23 03:26	5

Client Sample ID: T-9 (1.5')

Lab Sample ID: 880-34470-42

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 23:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 23:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 23:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:34	10/17/23 23:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 23:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:34	10/17/23 23:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/16/23 15:34	10/17/23 23:31	1
1,4-Difluorobenzene (Surr)	90		70 - 130	10/16/23 15:34	10/17/23 23:31	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (1.5')

Lab Sample ID: 880-34470-42

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/23 23:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			10/17/23 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		10/17/23 08:36	10/17/23 12:17	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		10/17/23 08:36	10/17/23 12:17	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		10/17/23 08:36	10/17/23 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				10/17/23 08:36	10/17/23 12:17	1
o-Terphenyl	71		70 - 130				10/17/23 08:36	10/17/23 12:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	607		4.99		mg/Kg			10/18/23 03:43	1

Client Sample ID: T-9 (2.0')

Lab Sample ID: 880-34470-43

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 23:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 23:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 23:52	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:34	10/17/23 23:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 23:52	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:34	10/17/23 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				10/16/23 15:34	10/17/23 23:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/16/23 15:34	10/17/23 23:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/17/23 23:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/23 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/23 08:36	10/17/23 12:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/23 08:36	10/17/23 12:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (2.0')

Lab Sample ID: 880-34470-43

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/23 08:36	10/17/23 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				10/17/23 08:36	10/17/23 12:41	1
o-Terphenyl	68	S1-	70 - 130				10/17/23 08:36	10/17/23 12:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		5.03		mg/Kg			10/18/23 03:48	1

Client Sample ID: T-9 (3.0')

Lab Sample ID: 880-34470-44

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 00:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 00:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 00:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 00:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 00:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				10/16/23 15:34	10/18/23 00:13	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/16/23 15:34	10/18/23 00:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 00:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 13:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 13:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				10/17/23 08:36	10/17/23 13:05	1
o-Terphenyl	70		70 - 130				10/17/23 08:36	10/17/23 13:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	342		5.03		mg/Kg			10/18/23 03:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (4.0')

Lab Sample ID: 880-34470-45

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 00:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 00:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 00:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 00:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 00:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/16/23 15:34	10/18/23 00:33	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/16/23 15:34	10/18/23 00:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 00:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/17/23 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:36	10/17/23 13:30	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:36	10/17/23 13:30	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:36	10/17/23 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	10/17/23 08:36	10/17/23 13:30	1
o-Terphenyl	84		70 - 130	10/17/23 08:36	10/17/23 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		4.99		mg/Kg			10/18/23 04:00	1

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-34470-46

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 00:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 00:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 00:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:34	10/18/23 00:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 00:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:34	10/18/23 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	10/16/23 15:34	10/18/23 00:54	1
1,4-Difluorobenzene (Surr)	84		70 - 130	10/16/23 15:34	10/18/23 00:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-34470-46

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 00:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/17/23 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/23 08:36	10/17/23 13:53	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/23 08:36	10/17/23 13:53	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/23 08:36	10/17/23 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				10/17/23 08:36	10/17/23 13:53	1
o-Terphenyl	72		70 - 130				10/17/23 08:36	10/17/23 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.7		5.00		mg/Kg			10/18/23 04:17	1

Client Sample ID: T-10 (1.5')

Lab Sample ID: 880-34470-47

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 01:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 01:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 01:14	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/16/23 15:34	10/18/23 01:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 01:14	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/16/23 15:34	10/18/23 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				10/16/23 15:34	10/18/23 01:14	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/16/23 15:34	10/18/23 01:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/18/23 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/17/23 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/17/23 08:36	10/17/23 14:18	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/17/23 08:36	10/17/23 14:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (1.5')

Lab Sample ID: 880-34470-47

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/17/23 08:36	10/17/23 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				10/17/23 08:36	10/17/23 14:18	1
o-Terphenyl	75		70 - 130				10/17/23 08:36	10/17/23 14:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.5		5.04		mg/Kg			10/18/23 04:22	1

Client Sample ID: T-10 (2.0')

Lab Sample ID: 880-34470-48

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 01:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 01:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 01:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 01:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 01:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/16/23 15:34	10/18/23 01:35	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/16/23 15:34	10/18/23 01:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 01:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:36	10/17/23 14:42	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:36	10/17/23 14:42	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:36	10/17/23 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				10/17/23 08:36	10/17/23 14:42	1
o-Terphenyl	70		70 - 130				10/17/23 08:36	10/17/23 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.7		5.07		mg/Kg			10/18/23 04:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (3.0')

Lab Sample ID: 880-34470-49

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 01:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 01:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 01:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 01:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 01:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	10/16/23 15:34	10/18/23 01:56	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/16/23 15:34	10/18/23 01:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/23 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/17/23 08:36	10/17/23 15:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/17/23 08:36	10/17/23 15:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/23 08:36	10/17/23 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130	10/17/23 08:36	10/17/23 15:07	1
o-Terphenyl	72		70 - 130	10/17/23 08:36	10/17/23 15:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.01		mg/Kg			10/18/23 04:34	1

Client Sample ID: T-10 (4.0')

Lab Sample ID: 880-34470-50

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 02:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 02:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 02:17	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:34	10/18/23 02:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 02:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:34	10/18/23 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	10/16/23 15:34	10/18/23 02:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	10/16/23 15:34	10/18/23 02:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (4.0')

Lab Sample ID: 880-34470-50

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/23 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:36	10/17/23 15:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:36	10/17/23 15:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:36	10/17/23 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				10/17/23 08:36	10/17/23 15:31	1
o-Terphenyl	83		70 - 130				10/17/23 08:36	10/17/23 15:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.0		5.01		mg/Kg			10/18/23 04:39	1

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-34470-51

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 03:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 03:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 03:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:34	10/18/23 03:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 03:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:34	10/18/23 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				10/16/23 15:34	10/18/23 03:41	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/16/23 15:34	10/18/23 03:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/23 03:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/23 16:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/23 08:36	10/17/23 16:17	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/23 08:36	10/17/23 16:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-34470-51

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:36	10/17/23 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				10/17/23 08:36	10/17/23 16:17	1
o-Terphenyl	69	S1-	70 - 130				10/17/23 08:36	10/17/23 16:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	591		4.96		mg/Kg			10/18/23 04:45	1

Client Sample ID: T-11 (1.5')

Lab Sample ID: 880-34470-52

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 04:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 04:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 04:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 04:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 04:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				10/16/23 15:34	10/18/23 04:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130				10/16/23 15:34	10/18/23 04:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/23 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/23 08:36	10/17/23 16:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/23 08:36	10/17/23 16:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:36	10/17/23 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				10/17/23 08:36	10/17/23 16:42	1
o-Terphenyl	72		70 - 130				10/17/23 08:36	10/17/23 16:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	429		5.00		mg/Kg			10/18/23 05:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (2.0')

Lab Sample ID: 880-34470-53

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 04:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 04:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 04:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 04:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 04:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	10/16/23 15:34	10/18/23 04:23	1
1,4-Difluorobenzene (Surr)	91		70 - 130	10/16/23 15:34	10/18/23 04:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 04:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:36	10/17/23 17:04	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:36	10/17/23 17:04	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:36	10/17/23 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	10/17/23 08:36	10/17/23 17:04	1
o-Terphenyl	72		70 - 130	10/17/23 08:36	10/17/23 17:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.2		5.02		mg/Kg			10/18/23 05:07	1

Client Sample ID: T-11 (3.0')

Lab Sample ID: 880-34470-54

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 04:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 04:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 04:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:34	10/18/23 04:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 04:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:34	10/18/23 04:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	10/16/23 15:34	10/18/23 04:44	1
1,4-Difluorobenzene (Surr)	76		70 - 130	10/16/23 15:34	10/18/23 04:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (3.0')

Lab Sample ID: 880-34470-54

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 04:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/23 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:36	10/17/23 17:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:36	10/17/23 17:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:36	10/17/23 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				10/17/23 08:36	10/17/23 17:28	1
o-Terphenyl	70		70 - 130				10/17/23 08:36	10/17/23 17:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.0		5.03		mg/Kg			10/18/23 05:24	1

Client Sample ID: T-11 (4.0')

Lab Sample ID: 880-34470-55

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:34	10/18/23 05:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:34	10/18/23 05:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:34	10/18/23 05:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:34	10/18/23 05:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:34	10/18/23 05:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:34	10/18/23 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/16/23 15:34	10/18/23 05:04	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130				10/16/23 15:34	10/18/23 05:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/23 05:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/23 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/23 08:36	10/17/23 17:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/23 08:36	10/17/23 17:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (4.0')

Lab Sample ID: 880-34470-55

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/23 08:36	10/17/23 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				10/17/23 08:36	10/17/23 17:50	1
o-Terphenyl	71		70 - 130				10/17/23 08:36	10/17/23 17:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		5.03		mg/Kg			10/18/23 05:30	1

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-34470-56

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 05:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 05:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 05:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:34	10/18/23 05:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/18/23 05:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:34	10/18/23 05:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				10/16/23 15:34	10/18/23 05:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130				10/16/23 15:34	10/18/23 05:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/23 05:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 18:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 18:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130				10/17/23 08:36	10/17/23 18:15	1
o-Terphenyl	73		70 - 130				10/17/23 08:36	10/17/23 18:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.7		5.01		mg/Kg			10/18/23 05:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (1.5')

Lab Sample ID: 880-34470-57

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 05:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 05:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 05:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 05:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 05:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 05:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	10/16/23 15:34	10/18/23 05:45	1
1,4-Difluorobenzene (Surr)	84		70 - 130	10/16/23 15:34	10/18/23 05:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 05:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/17/23 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:36	10/17/23 18:39	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:36	10/17/23 18:39	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:36	10/17/23 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	10/17/23 08:36	10/17/23 18:39	1
o-Terphenyl	69	S1-	70 - 130	10/17/23 08:36	10/17/23 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.3		5.00		mg/Kg			10/18/23 05:41	1

Client Sample ID: T-12 (2.0')

Lab Sample ID: 880-34470-58

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 06:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 06:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 06:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 15:34	10/18/23 06:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 06:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 15:34	10/18/23 06:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/16/23 15:34	10/18/23 06:05	1
1,4-Difluorobenzene (Surr)	55	S1-	70 - 130	10/16/23 15:34	10/18/23 06:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (2.0')

Lab Sample ID: 880-34470-58

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/18/23 06:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/17/23 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/17/23 08:36	10/17/23 19:02	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/23 08:36	10/17/23 19:02	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/23 08:36	10/17/23 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				10/17/23 08:36	10/17/23 19:02	1
o-Terphenyl	78		70 - 130				10/17/23 08:36	10/17/23 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.5		4.99		mg/Kg			10/18/23 05:47	1

Client Sample ID: T-12 (3.0')

Lab Sample ID: 880-34470-59

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 06:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 06:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 06:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 06:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:34	10/18/23 06:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:34	10/18/23 06:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				10/16/23 15:34	10/18/23 06:26	1
1,4-Difluorobenzene (Surr)	82		70 - 130				10/16/23 15:34	10/18/23 06:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 06:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/17/23 19:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/23 08:36	10/17/23 19:26	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/23 08:36	10/17/23 19:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (3.0')

Lab Sample ID: 880-34470-59

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/23 08:36	10/17/23 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130				10/17/23 08:36	10/17/23 19:26	1
o-Terphenyl	65	S1-	70 - 130				10/17/23 08:36	10/17/23 19:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.8		5.00		mg/Kg			10/18/23 05:52	1

Client Sample ID: T-12 (4.0')

Lab Sample ID: 880-34470-60

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 06:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 06:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 06:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/16/23 15:34	10/18/23 06:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:34	10/18/23 06:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/16/23 15:34	10/18/23 06:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				10/16/23 15:34	10/18/23 06:46	1
1,4-Difluorobenzene (Surr)	71		70 - 130				10/16/23 15:34	10/18/23 06:46	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			10/18/23 06:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 19:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 19:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:36	10/17/23 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				10/17/23 08:36	10/17/23 19:51	1
o-Terphenyl	70		70 - 130				10/17/23 08:36	10/17/23 19:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		4.99		mg/Kg			10/18/23 05:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (0-1')

Lab Sample ID: 880-34470-61

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 16:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 16:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 16:34	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:36	10/17/23 16:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 16:34	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:36	10/17/23 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	10/16/23 15:36	10/17/23 16:34	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/16/23 15:36	10/17/23 16:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/17/23 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/17/23 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	49.8		mg/Kg		10/17/23 08:41	10/17/23 11:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		10/17/23 08:41	10/17/23 11:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/17/23 08:41	10/17/23 11:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	10/17/23 08:41	10/17/23 11:07	1
o-Terphenyl	78		70 - 130	10/17/23 08:41	10/17/23 11:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.9		5.01		mg/Kg			10/18/23 14:30	1

Client Sample ID: T-13 (1.5')

Lab Sample ID: 880-34470-62

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 17:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 17:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 17:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 17:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 17:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130	10/16/23 15:36	10/17/23 17:00	1
1,4-Difluorobenzene (Surr)	89		70 - 130	10/16/23 15:36	10/17/23 17:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (1.5')

Lab Sample ID: 880-34470-62

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/17/23 12:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:41	10/17/23 12:17	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:41	10/17/23 12:17	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:41	10/17/23 12:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				10/17/23 08:41	10/17/23 12:17	1
o-Terphenyl	82		70 - 130				10/17/23 08:41	10/17/23 12:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.5		4.99		mg/Kg			10/18/23 14:50	1

Client Sample ID: T-13 (2.0')

Lab Sample ID: 880-34470-63

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 17:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 17:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 17:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 17:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 17:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	187	S1+	70 - 130				10/16/23 15:36	10/17/23 17:26	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/16/23 15:36	10/17/23 17:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 17:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			10/17/23 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		10/17/23 08:41	10/17/23 12:41	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		10/17/23 08:41	10/17/23 12:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (2.0')

Lab Sample ID: 880-34470-63

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		10/17/23 08:41	10/17/23 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				10/17/23 08:41	10/17/23 12:41	1
o-Terphenyl	75		70 - 130				10/17/23 08:41	10/17/23 12:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.7		5.05		mg/Kg			10/18/23 14:57	1

Client Sample ID: T-13 (3.0')

Lab Sample ID: 880-34470-64

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 17:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 17:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 17:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/17/23 17:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 17:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/17/23 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				10/16/23 15:36	10/17/23 17:52	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/16/23 15:36	10/17/23 17:52	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			10/17/23 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:41	10/17/23 13:05	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:41	10/17/23 13:05	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:41	10/17/23 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				10/17/23 08:41	10/17/23 13:05	1
o-Terphenyl	66	S1-	70 - 130				10/17/23 08:41	10/17/23 13:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	306		4.99		mg/Kg			10/18/23 15:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (4.0')

Lab Sample ID: 880-34470-65

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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		10/16/23 15:36	10/17/23 18:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/16/23 15:36	10/17/23 18:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/16/23 15:36	10/17/23 18:19	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/16/23 15:36	10/17/23 18:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/16/23 15:36	10/17/23 18:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/16/23 15:36	10/17/23 18:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	10/16/23 15:36	10/17/23 18:19	1
1,4-Difluorobenzene (Surr)	85		70 - 130	10/16/23 15:36	10/17/23 18:19	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			10/17/23 18:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/23 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 13:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 13:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	10/17/23 08:41	10/17/23 13:30	1
o-Terphenyl	74		70 - 130	10/17/23 08:41	10/17/23 13:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.8		5.03		mg/Kg			10/18/23 15:10	1

Client Sample ID: T-14 (0-1')

Lab Sample ID: 880-34470-66

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 18:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 18:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 18:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/17/23 18:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 18:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/17/23 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	10/16/23 15:36	10/17/23 18:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/16/23 15:36	10/17/23 18:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (0-1')

Lab Sample ID: 880-34470-66

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/23 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/23 13:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				10/17/23 08:41	10/17/23 13:53	1
o-Terphenyl	79		70 - 130				10/17/23 08:41	10/17/23 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5000		50.3		mg/Kg			10/19/23 09:56	10

Client Sample ID: T-14 (1.5')

Lab Sample ID: 880-34470-67

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:36	10/17/23 19:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:36	10/17/23 19:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:36	10/17/23 19:11	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 15:36	10/17/23 19:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 15:36	10/17/23 19:11	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 15:36	10/17/23 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				10/16/23 15:36	10/17/23 19:11	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/16/23 15:36	10/17/23 19:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/17/23 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/17/23 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:41	10/17/23 14:18	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:41	10/17/23 14:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (1.5')

Lab Sample ID: 880-34470-67

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:41	10/17/23 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				10/17/23 08:41	10/17/23 14:18	1
o-Terphenyl	80		70 - 130				10/17/23 08:41	10/17/23 14:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4910		50.2		mg/Kg			10/18/23 15:37	10

Client Sample ID: T-14 (2.0')

Lab Sample ID: 880-34470-68

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 19:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 19:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 19:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 19:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 19:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130				10/16/23 15:36	10/17/23 19:36	1
1,4-Difluorobenzene (Surr)	78		70 - 130				10/16/23 15:36	10/17/23 19:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/17/23 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/23 08:41	10/17/23 14:42	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/23 08:41	10/17/23 14:42	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/23 08:41	10/17/23 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				10/17/23 08:41	10/17/23 14:42	1
o-Terphenyl	82		70 - 130				10/17/23 08:41	10/17/23 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2540		25.3		mg/Kg			10/18/23 15:43	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (3.0')

Lab Sample ID: 880-34470-69

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 20:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 20:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 20:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 20:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 20:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130	10/16/23 15:36	10/17/23 20:03	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/16/23 15:36	10/17/23 20:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 20:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:41	10/17/23 15:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:41	10/17/23 15:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:41	10/17/23 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130	10/17/23 08:41	10/17/23 15:07	1
o-Terphenyl	67	S1-	70 - 130	10/17/23 08:41	10/17/23 15:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	928		5.04		mg/Kg			10/18/23 15:50	1

Client Sample ID: T-14 (4.0')

Lab Sample ID: 880-34470-70

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:36	10/17/23 20:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:36	10/17/23 20:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:36	10/17/23 20:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:36	10/17/23 20:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:36	10/17/23 20:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:36	10/17/23 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	S1+	70 - 130	10/16/23 15:36	10/17/23 20:29	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/16/23 15:36	10/17/23 20:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (4.0')

Lab Sample ID: 880-34470-70

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/17/23 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/23 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 15:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 15:31	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				10/17/23 08:41	10/17/23 15:31	1
o-Terphenyl	81		70 - 130				10/17/23 08:41	10/17/23 15:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	302		5.05		mg/Kg			10/18/23 15:57	1

Client Sample ID: T-15 (0-1')

Lab Sample ID: 880-34470-71

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 22:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 22:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 22:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:36	10/17/23 22:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 22:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:36	10/17/23 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130				10/16/23 15:36	10/17/23 22:13	1
1,4-Difluorobenzene (Surr)	110		70 - 130				10/16/23 15:36	10/17/23 22:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/17/23 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/23 16:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 16:17	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 16:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (0-1')

Lab Sample ID: 880-34470-71

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				10/17/23 08:41	10/17/23 16:17	1
o-Terphenyl	73		70 - 130				10/17/23 08:41	10/17/23 16:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18200		101		mg/Kg			10/19/23 19:08	20

Client Sample ID: T-15 (1.5')

Lab Sample ID: 880-34470-72

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 22:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 22:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 22:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 22:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 22:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	195	S1+	70 - 130				10/16/23 15:36	10/17/23 22:39	1
1,4-Difluorobenzene (Surr)	110		70 - 130				10/16/23 15:36	10/17/23 22:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 22:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/17/23 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/17/23 08:41	10/17/23 16:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/17/23 08:41	10/17/23 16:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		10/17/23 08:41	10/17/23 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				10/17/23 08:41	10/17/23 16:42	1
o-Terphenyl	66	S1-	70 - 130				10/17/23 08:41	10/17/23 16:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		24.8		mg/Kg			10/18/23 16:23	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (2.0')

Lab Sample ID: 880-34470-73

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 23:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 23:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 23:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 23:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/17/23 23:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/17/23 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130	10/16/23 15:36	10/17/23 23:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130	10/16/23 15:36	10/17/23 23:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/23 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 17:04	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 17:04	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130	10/17/23 08:41	10/17/23 17:04	1
o-Terphenyl	73		70 - 130	10/17/23 08:41	10/17/23 17:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		24.7		mg/Kg			10/18/23 16:30	5

Client Sample ID: T-15 (3.0')

Lab Sample ID: 880-34470-74

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 23:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 23:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 23:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/17/23 23:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 23:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/17/23 23:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130	10/16/23 15:36	10/17/23 23:32	1
1,4-Difluorobenzene (Surr)	76		70 - 130	10/16/23 15:36	10/17/23 23:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (3.0')

Lab Sample ID: 880-34470-74

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/23 23:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			10/17/23 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		10/17/23 08:41	10/17/23 17:28	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		10/17/23 08:41	10/17/23 17:28	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		10/17/23 08:41	10/17/23 17:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				10/17/23 08:41	10/17/23 17:28	1
o-Terphenyl	63	S1-	70 - 130				10/17/23 08:41	10/17/23 17:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	243		5.02		mg/Kg			10/18/23 16:50	1

Client Sample ID: T-15 (4.0')

Lab Sample ID: 880-34470-75

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 23:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 23:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 23:59	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:36	10/17/23 23:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 23:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:36	10/17/23 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				10/16/23 15:36	10/17/23 23:59	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/16/23 15:36	10/17/23 23:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/17/23 23:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/23 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 17:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 17:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (4.0')

Lab Sample ID: 880-34470-75

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				10/17/23 08:41	10/17/23 17:50	1
o-Terphenyl	64	S1-	70 - 130				10/17/23 08:41	10/17/23 17:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	202		4.98		mg/Kg			10/18/23 16:57	1

Client Sample ID: T-16 (0-1')

Lab Sample ID: 880-34470-76

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 00:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 00:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 00:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/18/23 00:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 00:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/18/23 00:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130				10/16/23 15:36	10/18/23 00:25	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/16/23 15:36	10/18/23 00:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 00:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/23 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 18:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 18:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:41	10/17/23 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				10/17/23 08:41	10/17/23 18:15	1
o-Terphenyl	81		70 - 130				10/17/23 08:41	10/17/23 18:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		5.04		mg/Kg			10/18/23 17:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (1.5')

Lab Sample ID: 880-34470-77

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/18/23 00:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/18/23 00:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/18/23 00:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/18/23 00:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 15:36	10/18/23 00:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 15:36	10/18/23 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130	10/16/23 15:36	10/18/23 00:52	1
1,4-Difluorobenzene (Surr)	105		70 - 130	10/16/23 15:36	10/18/23 00:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/18/23 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/17/23 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 18:39	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 18:39	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:41	10/17/23 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130	10/17/23 08:41	10/17/23 18:39	1
o-Terphenyl	71		70 - 130	10/17/23 08:41	10/17/23 18:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		5.04		mg/Kg			10/18/23 17:10	1

Client Sample ID: T-16 (2.0')

Lab Sample ID: 880-34470-78

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 01:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 01:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 01:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/18/23 01:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 01:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 15:36	10/18/23 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	172	S1+	70 - 130	10/16/23 15:36	10/18/23 01:19	1
1,4-Difluorobenzene (Surr)	94		70 - 130	10/16/23 15:36	10/18/23 01:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (2.0')

Lab Sample ID: 880-34470-78

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/18/23 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/17/23 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:41	10/17/23 19:02	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:41	10/17/23 19:02	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:41	10/17/23 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130				10/17/23 08:41	10/17/23 19:02	1
o-Terphenyl	64	S1-	70 - 130				10/17/23 08:41	10/17/23 19:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.8		5.01		mg/Kg			10/18/23 17:17	1

Client Sample ID: T-16 (3.0')

Lab Sample ID: 880-34470-79

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:36	10/18/23 01:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:36	10/18/23 01:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:36	10/18/23 01:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/16/23 15:36	10/18/23 01:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/16/23 15:36	10/18/23 01:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/16/23 15:36	10/18/23 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	200	S1+	70 - 130				10/16/23 15:36	10/18/23 01:45	1
1,4-Difluorobenzene (Surr)	91		70 - 130				10/16/23 15:36	10/18/23 01:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/18/23 01:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/17/23 19:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 19:26	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 19:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (3.0')

Lab Sample ID: 880-34470-79

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		10/17/23 08:41	10/17/23 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				10/17/23 08:41	10/17/23 19:26	1
o-Terphenyl	73		70 - 130				10/17/23 08:41	10/17/23 19:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.96		mg/Kg			10/18/23 17:23	1

Client Sample ID: T-16 (4.0')

Lab Sample ID: 880-34470-80

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 02:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 02:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 02:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 15:36	10/18/23 02:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/18/23 02:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 15:36	10/18/23 02:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130				10/16/23 15:36	10/18/23 02:12	1
1,4-Difluorobenzene (Surr)	93		70 - 130				10/16/23 15:36	10/18/23 02:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/18/23 02:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/17/23 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/17/23 08:41	10/17/23 19:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/17/23 08:41	10/17/23 19:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/17/23 08:41	10/17/23 19:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				10/17/23 08:41	10/17/23 19:51	1
o-Terphenyl	66	S1-	70 - 130				10/17/23 08:41	10/17/23 19:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.0		5.04		mg/Kg			10/18/23 17:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (0-1')

Lab Sample ID: 880-34470-81

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/17/23 06:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/17/23 06:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/17/23 06:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/16/23 14:53	10/17/23 06:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/17/23 06:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/16/23 14:53	10/17/23 06:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/16/23 14:53	10/17/23 06:15	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/16/23 14:53	10/17/23 06:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/17/23 06:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/17/23 23:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:47	10/17/23 23:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:47	10/17/23 23:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:47	10/17/23 23:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	10/17/23 08:47	10/17/23 23:52	1
o-Terphenyl	78		70 - 130	10/17/23 08:47	10/17/23 23:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2010		24.9		mg/Kg			10/17/23 22:51	5

Client Sample ID: T-17 (1.5')

Lab Sample ID: 880-34470-82

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 14:53	10/17/23 06:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 14:53	10/17/23 06:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 14:53	10/17/23 06:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 14:53	10/17/23 06:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 14:53	10/17/23 06:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 14:53	10/17/23 06:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/16/23 14:53	10/17/23 06:36	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/16/23 14:53	10/17/23 06:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (1.5')

Lab Sample ID: 880-34470-82

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 06:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/18/23 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:47	10/18/23 00:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:47	10/18/23 00:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:47	10/18/23 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				10/17/23 08:47	10/18/23 00:15	1
o-Terphenyl	66	S1-	70 - 130				10/17/23 08:47	10/18/23 00:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2130		24.8		mg/Kg			10/17/23 23:02	5

Client Sample ID: T-17 (2.0')

Lab Sample ID: 880-34470-83

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/16/23 14:53	10/17/23 06:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/16/23 14:53	10/17/23 06:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/16/23 14:53	10/17/23 06:56	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/16/23 14:53	10/17/23 06:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/16/23 14:53	10/17/23 06:56	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/16/23 14:53	10/17/23 06:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/16/23 14:53	10/17/23 06:56	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/16/23 14:53	10/17/23 06:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/17/23 06:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			10/18/23 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		10/17/23 08:47	10/18/23 00:38	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		10/17/23 08:47	10/18/23 00:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (2.0')

Lab Sample ID: 880-34470-83

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		10/17/23 08:47	10/18/23 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				10/17/23 08:47	10/18/23 00:38	1
o-Terphenyl	76		70 - 130				10/17/23 08:47	10/18/23 00:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2210		25.1		mg/Kg			10/17/23 23:35	5

Client Sample ID: T-17 (3.0')

Lab Sample ID: 880-34470-84

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/16/23 14:53	10/17/23 07:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/16/23 14:53	10/17/23 07:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/16/23 14:53	10/17/23 07:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/16/23 14:53	10/17/23 07:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/16/23 14:53	10/17/23 07:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/16/23 14:53	10/17/23 07:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/16/23 14:53	10/17/23 07:17	1
1,4-Difluorobenzene (Surr)	109		70 - 130				10/16/23 14:53	10/17/23 07:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/17/23 07:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			10/18/23 01:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		10/17/23 08:47	10/18/23 01:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		10/17/23 08:47	10/18/23 01:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		10/17/23 08:47	10/18/23 01:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	51	S1-	70 - 130				10/17/23 08:47	10/18/23 01:01	1
o-Terphenyl	50	S1-	70 - 130				10/17/23 08:47	10/18/23 01:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		4.97		mg/Kg			10/17/23 23:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (4.0')

Lab Sample ID: 880-34470-85

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/17/23 07:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/17/23 07:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/17/23 07:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/16/23 14:53	10/17/23 07:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/17/23 07:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/16/23 14:53	10/17/23 07:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	10/16/23 14:53	10/17/23 07:37	1
1,4-Difluorobenzene (Surr)	112		70 - 130	10/16/23 14:53	10/17/23 07:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/17/23 07:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			10/18/23 01:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		10/17/23 08:47	10/18/23 01:23	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		10/17/23 08:47	10/18/23 01:23	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		10/17/23 08:47	10/18/23 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	10/17/23 08:47	10/18/23 01:23	1
o-Terphenyl	69	S1-	70 - 130	10/17/23 08:47	10/18/23 01:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	199		4.96		mg/Kg			10/17/23 23:58	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
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)
880-34469-A-21-A MS	Matrix Spike	104	108
880-34469-A-21-B MSD	Matrix Spike Duplicate	99	99
880-34470-1	T-1 (0-1')	88	99
880-34470-1 MS	T-1 (0-1')	103	111
880-34470-1 MSD	T-1 (0-1')	96	103
880-34470-2	T-1 (1.5')	90	109
880-34470-3	T-1 (2.0')	94	106
880-34470-4	T-1 (3.0')	100	107
880-34470-5	T-1 (4.0')	100	107
880-34470-6	T-2 (0-1')	93	112
880-34470-7	T-2 (1.5')	97	108
880-34470-8	T-2 (2.0')	107	110
880-34470-9	T-2 (3.0')	100	109
880-34470-10	T-2 (4.0')	103	114
880-34470-11	T-3 (0-1')	90	101
880-34470-12	T-3 (1.5')	99	108
880-34470-13	T-3 (2.0')	106	113
880-34470-14	T-3 (3.0')	97	114
880-34470-15	T-3 (4.0')	102	109
880-34470-16	T-4 (0-1')	105	114
880-34470-17	T-4 (1.5')	104	109
880-34470-18	T-4 (2.0')	112	120
880-34470-19	T-4 (3.0')	102	115
880-34470-20	T-4 (4.0')	109	106
880-34470-21	T-5 (0-1')	316 S1+	131 S1+
880-34470-21 MS	T-5 (0-1')	102	103
880-34470-21 MSD	T-5 (0-1')	109	102
880-34470-22	T-5 (1.5')	110	137 S1+
880-34470-23	T-5 (2.0')	91	107
880-34470-24	T-5 (3.0')	106	136 S1+
880-34470-25	T-5 (4.0')	97	116
880-34470-26	T-6 (0-1')	95	104
880-34470-27	T-6 (1.5')	93	109
880-34470-28	T-6 (2.0')	97	104
880-34470-29	T-6 (3.0')	115	114
880-34470-30	T-6 (4.0')	101	118
880-34470-31	T-7 (0-1')	208 S1+	94
880-34470-32	T-7 (1.5')	86	103
880-34470-33	T-7 (2.0')	92	136 S1+
880-34470-34	T-7 (3.0')	242 S1+	97
880-34470-35	T-7 (4.0')	92	112
880-34470-36	T-8 (0-1')	94	108
880-34470-37	T-8 (1.5')	94	116
880-34470-38	T-8 (2.0')	102	105
880-34470-39	T-8 (3.0')	100	112
880-34470-40	T-8 (4.0')	96	111
880-34470-41	T-9 (0-1')	90	85
880-34470-41 MS	T-9 (0-1')	84	90
880-34470-41 MSD	T-9 (0-1')	118	116

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-34470-1

Project/Site: Gem to Quijote-Line Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-34470-42	T-9 (1.5')	107	90
880-34470-43	T-9 (2.0')	73	99
880-34470-44	T-9 (3.0')	74	104
880-34470-45	T-9 (4.0')	97	79
880-34470-46	T-10 (0-1')	97	84
880-34470-47	T-10 (1.5')	94	76
880-34470-48	T-10 (2.0')	95	76
880-34470-49	T-10 (3.0')	79	95
880-34470-50	T-10 (4.0')	84	93
880-34470-51	T-11 (0-1')	76	95
880-34470-52	T-11 (1.5')	75	95
880-34470-53	T-11 (2.0')	81	91
880-34470-54	T-11 (3.0')	85	76
880-34470-55	T-11 (4.0')	93	69 S1-
880-34470-56	T-12 (0-1')	118	92
880-34470-57	T-12 (1.5')	83	84
880-34470-58	T-12 (2.0')	101	55 S1-
880-34470-59	T-12 (3.0')	85	82
880-34470-60	T-12 (4.0')	96	71
880-34470-61	T-13 (0-1')	150 S1+	92
880-34470-61 MS	T-13 (0-1')	112	99
880-34470-61 MSD	T-13 (0-1')	127	72
880-34470-62	T-13 (1.5')	158 S1+	89
880-34470-63	T-13 (2.0')	187 S1+	104
880-34470-64	T-13 (3.0')	150 S1+	87
880-34470-65	T-13 (4.0')	134 S1+	85
880-34470-66	T-14 (0-1')	142 S1+	96
880-34470-67	T-14 (1.5')	152 S1+	87
880-34470-68	T-14 (2.0')	174 S1+	78
880-34470-69	T-14 (3.0')	174 S1+	99
880-34470-70	T-14 (4.0')	182 S1+	99
880-34470-71	T-15 (0-1')	188 S1+	110
880-34470-72	T-15 (1.5')	195 S1+	110
880-34470-73	T-15 (2.0')	152 S1+	97
880-34470-74	T-15 (3.0')	157 S1+	76
880-34470-75	T-15 (4.0')	162 S1+	103
880-34470-76	T-16 (0-1')	163 S1+	87
880-34470-77	T-16 (1.5')	178 S1+	105
880-34470-78	T-16 (2.0')	172 S1+	94
880-34470-79	T-16 (3.0')	200 S1+	91
880-34470-80	T-16 (4.0')	174 S1+	93
880-34470-81	T-17 (0-1')	101	108
880-34470-82	T-17 (1.5')	101	111
880-34470-83	T-17 (2.0')	98	111
880-34470-84	T-17 (3.0')	109	109
880-34470-85	T-17 (4.0')	100	112
LCS 880-64809/1-A	Lab Control Sample	100	107
LCS 880-64811/1-A	Lab Control Sample	109	102
LCS 880-64812/1-A	Lab Control Sample	86	113
LCS 880-64813/1-A	Lab Control Sample	158 S1+	113

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-34470-1

Project/Site: Gem to Quijote-Line Spill

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCS 880-64814/1-A	Lab Control Sample	116	69 S1-
LCSD 880-64809/2-A	Lab Control Sample Dup	97	110
LCSD 880-64811/2-A	Lab Control Sample Dup	100	102
LCSD 880-64812/2-A	Lab Control Sample Dup	101	99
LCSD 880-64813/2-A	Lab Control Sample Dup	123	110
LCSD 880-64814/2-A	Lab Control Sample Dup	137 S1+	85
MB 880-64748/5-A	Method Blank	104	127
MB 880-64809/5-A	Method Blank	112	147 S1+
MB 880-64811/5-A	Method Blank	116	139 S1+
MB 880-64812/5-A	Method Blank	105	133 S1+
MB 880-64813/5-A	Method Blank	75	98
MB 880-64814/5-A	Method Blank	91	98
MB 880-64865/5-A	Method Blank	77	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-34470-1	T-1 (0-1')	126	101
880-34470-1 MS	T-1 (0-1')	120	91
880-34470-1 MSD	T-1 (0-1')	131 S1+	97
880-34470-2	T-1 (1.5')	142 S1+	118
880-34470-3	T-1 (2.0')	124	103
880-34470-4	T-1 (3.0')	131 S1+	108
880-34470-5	T-1 (4.0')	116	98
880-34470-6	T-2 (0-1')	134 S1+	109
880-34470-7	T-2 (1.5')	118	98
880-34470-8	T-2 (2.0')	118	99
880-34470-9	T-2 (3.0')	121	101
880-34470-10	T-2 (4.0')	135 S1+	112
880-34470-11	T-3 (0-1')	112	94
880-34470-12	T-3 (1.5')	118	98
880-34470-13	T-3 (2.0')	136 S1+	112
880-34470-14	T-3 (3.0')	126	105
880-34470-15	T-3 (4.0')	120	100
880-34470-16	T-4 (0-1')	120	100
880-34470-17	T-4 (1.5')	108	91
880-34470-18	T-4 (2.0')	134 S1+	111
880-34470-19	T-4 (3.0')	121	101
880-34470-20	T-4 (4.0')	122	100
880-34470-21	T-5 (0-1')	99	107
880-34470-21 MS	T-5 (0-1')	95	89
880-34470-21 MSD	T-5 (0-1')	108	104
880-34470-22	T-5 (1.5')	95	102
880-34470-23	T-5 (2.0')	111	119

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-34470-1

Project/Site: Gem to Quijote-Line Spill

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)
880-34470-24	T-5 (3.0')	109	117
880-34470-25	T-5 (4.0')	104	111
880-34470-26	T-6 (0-1')	128	137 S1+
880-34470-27	T-6 (1.5')	110	117
880-34470-28	T-6 (2.0')	111	121
880-34470-29	T-6 (3.0')	110	116
880-34470-30	T-6 (4.0')	121	132 S1+
880-34470-31	T-7 (0-1')	107	114
880-34470-32	T-7 (1.5')	94	100
880-34470-33	T-7 (2.0')	107	116
880-34470-34	T-7 (3.0')	93	98
880-34470-35	T-7 (4.0')	101	105
880-34470-36	T-8 (0-1')	90	94
880-34470-37	T-8 (1.5')	104	110
880-34470-38	T-8 (2.0')	93	98
880-34470-39	T-8 (3.0')	104	109
880-34470-40	T-8 (4.0')	108	112
880-34470-41	T-9 (0-1')	77	75
880-34470-41 MS	T-9 (0-1')	72	65 S1-
880-34470-41 MSD	T-9 (0-1')	70	64 S1-
880-34470-42	T-9 (1.5')	73	71
880-34470-43	T-9 (2.0')	71	68 S1-
880-34470-44	T-9 (3.0')	72	70
880-34470-45	T-9 (4.0')	86	84
880-34470-46	T-10 (0-1')	73	72
880-34470-47	T-10 (1.5')	78	75
880-34470-48	T-10 (2.0')	72	70
880-34470-49	T-10 (3.0')	73	72
880-34470-50	T-10 (4.0')	85	83
880-34470-51	T-11 (0-1')	72	69 S1-
880-34470-52	T-11 (1.5')	74	72
880-34470-53	T-11 (2.0')	72	72
880-34470-54	T-11 (3.0')	71	70
880-34470-55	T-11 (4.0')	72	71
880-34470-56	T-12 (0-1')	74	73
880-34470-57	T-12 (1.5')	72	69 S1-
880-34470-58	T-12 (2.0')	78	78
880-34470-59	T-12 (3.0')	66 S1-	65 S1-
880-34470-60	T-12 (4.0')	72	70
880-34470-61	T-13 (0-1')	75	78
880-34470-61 MS	T-13 (0-1')	81	71
880-34470-61 MSD	T-13 (0-1')	68 S1-	62 S1-
880-34470-62	T-13 (1.5')	78	82
880-34470-63	T-13 (2.0')	70	75
880-34470-64	T-13 (3.0')	64 S1-	66 S1-
880-34470-65	T-13 (4.0')	71	74
880-34470-66	T-14 (0-1')	76	79
880-34470-67	T-14 (1.5')	78	80
880-34470-68	T-14 (2.0')	78	82
880-34470-69	T-14 (3.0')	64 S1-	67 S1-

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-34470-1

Project/Site: Gem to Quijote-Line Spill

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)
880-34470-70	T-14 (4.0')	79	81
880-34470-71	T-15 (0-1')	67 S1-	73
880-34470-72	T-15 (1.5')	65 S1-	66 S1-
880-34470-73	T-15 (2.0')	69 S1-	73
880-34470-74	T-15 (3.0')	62 S1-	63 S1-
880-34470-75	T-15 (4.0')	62 S1-	64 S1-
880-34470-76	T-16 (0-1')	80	81
880-34470-77	T-16 (1.5')	68 S1-	71
880-34470-78	T-16 (2.0')	62 S1-	64 S1-
880-34470-79	T-16 (3.0')	71	73
880-34470-80	T-16 (4.0')	67 S1-	66 S1-
880-34470-81	T-17 (0-1')	79	78
880-34470-82	T-17 (1.5')	68 S1-	66 S1-
880-34470-83	T-17 (2.0')	73	76
880-34470-84	T-17 (3.0')	51 S1-	50 S1-
880-34470-85	T-17 (4.0')	72	69 S1-
890-5456-A-5-D MS	Matrix Spike	117	111
890-5456-A-5-E MSD	Matrix Spike Duplicate	116	108
LCS 880-64857/2-A	Lab Control Sample	84	82
LCS 880-64858/2-A	Lab Control Sample	90	93
LCS 880-64859/2-A	Lab Control Sample	97	100
LCS 880-64860/2-A	Lab Control Sample	99	103
LCS 880-64861/2-A	Lab Control Sample	85	87
LCSD 880-64857/3-A	Lab Control Sample Dup	78	78
LCSD 880-64858/3-A	Lab Control Sample Dup	106	108
LCSD 880-64859/3-A	Lab Control Sample Dup	105	107
LCSD 880-64860/3-A	Lab Control Sample Dup	101	101
LCSD 880-64861/3-A	Lab Control Sample Dup	85	87
MB 880-64857/1-A	Method Blank	171 S1+	135 S1+
MB 880-64858/1-A	Method Blank	148 S1+	160 S1+
MB 880-64859/1-A	Method Blank	104	102
MB 880-64860/1-A	Method Blank	95	105
MB 880-64861/1-A	Method Blank	143 S1+	153 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-64748/5-A

Matrix: Solid

Analysis Batch: 64758

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64748

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/15/23 17:38	10/16/23 11:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/15/23 17:38	10/16/23 11:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/15/23 17:38	10/16/23 11:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/15/23 17:38	10/16/23 11:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/15/23 17:38	10/16/23 11:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/15/23 17:38	10/16/23 11:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	10/15/23 17:38	10/16/23 11:55	1
1,4-Difluorobenzene (Surr)	127		70 - 130	10/15/23 17:38	10/16/23 11:55	1

Lab Sample ID: MB 880-64809/5-A

Matrix: Solid

Analysis Batch: 64758

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/16/23 23:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/16/23 23:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/16/23 23:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 14:53	10/16/23 23:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 14:53	10/16/23 23:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 14:53	10/16/23 23:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/16/23 14:53	10/16/23 23:31	1
1,4-Difluorobenzene (Surr)	147	S1+	70 - 130	10/16/23 14:53	10/16/23 23:31	1

Lab Sample ID: LCS 880-64809/1-A

Matrix: Solid

Analysis Batch: 64758

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09115		mg/Kg		91	70 - 130
Toluene	0.100	0.07156		mg/Kg		72	70 - 130
Ethylbenzene	0.100	0.07268		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	0.200	0.1547		mg/Kg		77	70 - 130
o-Xylene	0.100	0.07410		mg/Kg		74	70 - 130

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

Lab Sample ID: LCSD 880-64809/2-A

Matrix: Solid

Analysis Batch: 64758

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64809

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1050		mg/Kg		105	70 - 130	14	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-64809/2-A

Matrix: Solid

Analysis Batch: 64758

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64809

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08096		mg/Kg		81	70 - 130	12	35
Ethylbenzene	0.100	0.07434		mg/Kg		74	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1470		mg/Kg		74	70 - 130	5	35
o-Xylene	0.100	0.07626		mg/Kg		76	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-34469-A-21-A MS

Matrix: Solid

Analysis Batch: 64758

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 64809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.1132		mg/Kg		114	70 - 130
Toluene	<0.00199	U	0.0996	0.09066		mg/Kg		91	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.08365		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1683		mg/Kg		84	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08489		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-34469-A-21-B MSD

Matrix: Solid

Analysis Batch: 64758

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 64809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.09597		mg/Kg		97	70 - 130	16	35
Toluene	<0.00199	U	0.0990	0.09251		mg/Kg		93	70 - 130	2	35
Ethylbenzene	<0.00199	U	0.0990	0.09036		mg/Kg		91	70 - 130	8	35
m-Xylene & p-Xylene	<0.00398	U	0.198	0.2028		mg/Kg		102	70 - 130	19	35
o-Xylene	<0.00199	U	0.0990	0.09453		mg/Kg		95	70 - 130	11	35

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

Lab Sample ID: MB 880-64811/5-A

Matrix: Solid

Analysis Batch: 64864

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64811

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 12:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 12:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 12:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 15:27	10/17/23 12:10	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-64811/5-A

Matrix: Solid

Analysis Batch: 64864

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64811

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:27	10/17/23 12:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 15:27	10/17/23 12:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	10/16/23 15:27	10/17/23 12:10	1
1,4-Difluorobenzene (Surr)	139	S1+	70 - 130	10/16/23 15:27	10/17/23 12:10	1

Lab Sample ID: LCS 880-64811/1-A

Matrix: Solid

Analysis Batch: 64864

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09576		mg/Kg		96	70 - 130
Toluene	0.100	0.08218		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.07990		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	0.200	0.1744		mg/Kg		87	70 - 130
o-Xylene	0.100	0.09525		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-64811/2-A

Matrix: Solid

Analysis Batch: 64864

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64811

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09775		mg/Kg		98	70 - 130	2	35
Toluene	0.100	0.08566		mg/Kg		86	70 - 130	4	35
Ethylbenzene	0.100	0.08666		mg/Kg		87	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1941		mg/Kg		97	70 - 130	11	35
o-Xylene	0.100	0.09234		mg/Kg		92	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-34470-1 MS

Matrix: Solid

Analysis Batch: 64864

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

Prep Type: Total/NA

Prep Batch: 64811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.1120		mg/Kg		112	70 - 130
Toluene	<0.00198	U	0.0998	0.09224		mg/Kg		92	70 - 130
Ethylbenzene	<0.00198	U	0.0998	0.08678		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1884		mg/Kg		94	70 - 130
o-Xylene	<0.00198	U	0.0998	0.09752		mg/Kg		97	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-1 MS

Matrix: Solid

Analysis Batch: 64864

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

Prep Type: Total/NA

Prep Batch: 64811

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-34470-1 MSD

Matrix: Solid

Analysis Batch: 64864

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

Prep Type: Total/NA

Prep Batch: 64811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.1058		mg/Kg		106	70 - 130	6	35
Toluene	<0.00198	U	0.100	0.08938		mg/Kg		89	70 - 130	3	35
Ethylbenzene	<0.00198	U	0.100	0.08030		mg/Kg		80	70 - 130	8	35
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1802		mg/Kg		90	70 - 130	4	35
o-Xylene	<0.00198	U	0.100	0.09200		mg/Kg		91	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-64812/5-A

Matrix: Solid

Analysis Batch: 64864

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/17/23 23:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/17/23 23:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/17/23 23:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 15:29	10/17/23 23:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:29	10/17/23 23:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 15:29	10/17/23 23:47	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	105		70 - 130	10/16/23 15:29	10/17/23 23:47	1			
1,4-Difluorobenzene (Surr)	133	S1+	70 - 130	10/16/23 15:29	10/17/23 23:47	1			

Lab Sample ID: LCS 880-64812/1-A

Matrix: Solid

Analysis Batch: 64864

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1088		mg/Kg		109	70 - 130
Toluene	0.100	0.08540		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.07879		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1713		mg/Kg		86	70 - 130
o-Xylene	0.100	0.08345		mg/Kg		83	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-64812/1-A

Matrix: Solid

Analysis Batch: 64864

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64812

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

Lab Sample ID: LCSD 880-64812/2-A

Matrix: Solid

Analysis Batch: 64864

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64812

			Spike	LCSD	LCSD				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene			0.100	0.1078		mg/Kg		108	70 - 130	1	35
Toluene			0.100	0.09435		mg/Kg		94	70 - 130	10	35
Ethylbenzene			0.100	0.09049		mg/Kg		90	70 - 130	14	35
m-Xylene & p-Xylene			0.200	0.2061		mg/Kg		103	70 - 130	18	35
o-Xylene			0.100	0.1001		mg/Kg		100	70 - 130	18	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-34470-21 MS

Matrix: Solid

Analysis Batch: 64864

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

Prep Type: Total/NA

Prep Batch: 64812

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Benzene	0.00282		0.0998	0.1099		mg/Kg		107	70 - 130		
Toluene	<0.00200	U	0.0998	0.08720		mg/Kg		87	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.08516		mg/Kg		85	70 - 130		
m-Xylene & p-Xylene	0.00536		0.200	0.1949		mg/Kg		95	70 - 130		
o-Xylene	0.00542		0.0998	0.09357		mg/Kg		88	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-34470-21 MSD

Matrix: Solid

Analysis Batch: 64864

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

Prep Type: Total/NA

Prep Batch: 64812

	Sample	Sample	Spike	MSD	MSD				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.00282		0.0990	0.1101		mg/Kg		108	70 - 130	0	35
Toluene	<0.00200	U	0.0990	0.08643		mg/Kg		87	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0990	0.08987		mg/Kg		91	70 - 130	5	35
m-Xylene & p-Xylene	0.00536		0.198	0.2017		mg/Kg		99	70 - 130	3	35
o-Xylene	0.00542		0.0990	0.09659		mg/Kg		92	70 - 130	3	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-64813/5-A

Matrix: Solid

Analysis Batch: 64863

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 22:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 22:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 22:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 15:34	10/17/23 22:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:34	10/17/23 22:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 15:34	10/17/23 22:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	10/16/23 15:34	10/17/23 22:49	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/16/23 15:34	10/17/23 22:49	1

Lab Sample ID: LCS 880-64813/1-A

Matrix: Solid

Analysis Batch: 64863

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1069		mg/Kg		107	70 - 130
Toluene	0.100	0.09792		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.09506		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2011		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1100		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-64813/2-A

Matrix: Solid

Analysis Batch: 64863

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09935		mg/Kg		99	70 - 130	7	35
Toluene	0.100	0.09572		mg/Kg		96	70 - 130	2	35
Ethylbenzene	0.100	0.09745		mg/Kg		97	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2118		mg/Kg		106	70 - 130	5	35
o-Xylene	0.100	0.1096		mg/Kg		110	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-34470-41 MS

Matrix: Solid

Analysis Batch: 64863

Client Sample ID: T-9 (0-1')

Prep Type: Total/NA

Prep Batch: 64813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1 F2	0.0996	0.03433	F1	mg/Kg		34	70 - 130
Toluene	<0.00199	U F1 F2	0.0996	0.03799	F1	mg/Kg		38	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-41 MS

Matrix: Solid

Analysis Batch: 64863

Client Sample ID: T-9 (0-1')

Prep Type: Total/NA

Prep Batch: 64813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U F1 F2	0.0996	0.03462	F1	mg/Kg		35	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.199	0.06838	F1	mg/Kg		34	70 - 130
o-Xylene	<0.00199	U F1 F2	0.0996	0.03867	F1	mg/Kg		38	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-34470-41 MSD

Matrix: Solid

Analysis Batch: 64863

Client Sample ID: T-9 (0-1')

Prep Type: Total/NA

Prep Batch: 64813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U F1 F2	0.0990	0.07750	F2	mg/Kg		78	70 - 130	77	35
Toluene	<0.00199	U F1 F2	0.0990	0.07826	F2	mg/Kg		79	70 - 130	69	35
Ethylbenzene	<0.00199	U F1 F2	0.0990	0.08155	F2	mg/Kg		82	70 - 130	81	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.198	0.1706	F2	mg/Kg		86	70 - 130	86	35
o-Xylene	<0.00199	U F1 F2	0.0990	0.08732	F2	mg/Kg		88	70 - 130	77	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: MB 880-64814/5-A

Matrix: Solid

Analysis Batch: 64862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64814

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 16:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 16:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 16:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/16/23 15:36	10/17/23 16:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/16/23 15:36	10/17/23 16:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/16/23 15:36	10/17/23 16:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	10/16/23 15:36	10/17/23 16:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/16/23 15:36	10/17/23 16:08	1

Lab Sample ID: LCS 880-64814/1-A

Matrix: Solid

Analysis Batch: 64862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09576		mg/Kg		96	70 - 130
Toluene	0.100	0.1043		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09422		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	0.200	0.1885		mg/Kg		94	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-64814/1-A

Matrix: Solid

Analysis Batch: 64862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64814

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09220		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130

Lab Sample ID: LCSD 880-64814/2-A

Matrix: Solid

Analysis Batch: 64862

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64814

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09304		mg/Kg		93	70 - 130	3	35
Toluene	0.100	0.1136		mg/Kg		114	70 - 130	9	35
Ethylbenzene	0.100	0.1160		mg/Kg		116	70 - 130	21	35
m-Xylene & p-Xylene	0.200	0.2239		mg/Kg		112	70 - 130	17	35
o-Xylene	0.100	0.1153		mg/Kg		115	70 - 130	22	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-34470-61 MS

Matrix: Solid

Analysis Batch: 64862

Client Sample ID: T-13 (0-1')

Prep Type: Total/NA

Prep Batch: 64814

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09570		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.0998	0.1012		mg/Kg		101	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.1032		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1981		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1025		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-34470-61 MSD

Matrix: Solid

Analysis Batch: 64862

Client Sample ID: T-13 (0-1')

Prep Type: Total/NA

Prep Batch: 64814

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.0990	0.09976		mg/Kg		101	70 - 130	4	35
Toluene	<0.00200	U	0.0990	0.1220		mg/Kg		123	70 - 130	19	35
Ethylbenzene	<0.00200	U	0.0990	0.1148		mg/Kg		116	70 - 130	11	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2225		mg/Kg		112	70 - 130	12	35
o-Xylene	<0.00200	U	0.0990	0.1056		mg/Kg		107	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-61 MSD

Matrix: Solid

Analysis Batch: 64862

Client Sample ID: T-13 (0-1')

Prep Type: Total/NA

Prep Batch: 64814

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	72		70 - 130

Lab Sample ID: MB 880-64865/5-A

Matrix: Solid

Analysis Batch: 64863

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64865

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/17/23 09:11	10/17/23 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/17/23 09:11	10/17/23 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/17/23 09:11	10/17/23 11:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/17/23 09:11	10/17/23 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/17/23 09:11	10/17/23 11:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/17/23 09:11	10/17/23 11:43	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				10/17/23 09:11	10/17/23 11:43	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/17/23 09:11	10/17/23 11:43	1

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

Lab Sample ID: MB 880-64857/1-A

Matrix: Solid

Analysis Batch: 64848

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64857

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:30	10/17/23 08:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:30	10/17/23 08:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:30	10/17/23 08:45	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	171	S1+	70 - 130				10/17/23 08:30	10/17/23 08:45	1
o-Terphenyl	135	S1+	70 - 130				10/17/23 08:30	10/17/23 08:45	1

Lab Sample ID: LCS 880-64857/2-A

Matrix: Solid

Analysis Batch: 64848

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64857

Analyte	Spike	LCS	LCS						
	Added	Result	Qualifier	Unit	D	%Rec	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	821.8		mg/Kg		82		70 - 130	
Diesel Range Organics (Over C10-C28)	1000	864.7		mg/Kg		86		70 - 130	

	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	84		70 - 130						
o-Terphenyl	82		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-64857/3-A

Matrix: Solid

Analysis Batch: 64848

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64857

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	828.7		mg/Kg		83	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	824.0		mg/Kg		82	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	78		70 - 130						
o-Terphenyl	78		70 - 130						

Lab Sample ID: 880-34470-1 MS

Matrix: Solid

Analysis Batch: 64848

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

Prep Type: Total/NA

Prep Batch: 64857

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	991	867.7		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	991	1070		mg/Kg		104	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	120		70 - 130								
o-Terphenyl	91		70 - 130								

Lab Sample ID: 880-34470-1 MSD

Matrix: Solid

Analysis Batch: 64848

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

Prep Type: Total/NA

Prep Batch: 64857

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	991	937.8		mg/Kg		91	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.8	U	991	1154		mg/Kg		113	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	131	S1+	70 - 130								
o-Terphenyl	97		70 - 130								

Lab Sample ID: MB 880-64858/1-A

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64858

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:33	10/17/23 08:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:33	10/17/23 08:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:33	10/17/23 08:45	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-64858/1-A

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64858

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	148	S1+	70 - 130	10/17/23 08:33	10/17/23 08:45	1				
o-Terphenyl	160	S1+	70 - 130	10/17/23 08:33	10/17/23 08:45	1				

Lab Sample ID: LCS 880-64858/2-A

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64858

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1077		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1035		mg/Kg		103	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	93		70 - 130								

Lab Sample ID: LCSD 880-64858/3-A

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64858

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1076		mg/Kg		108	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1154		mg/Kg		115	70 - 130	11	20

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

Lab Sample ID: 880-34470-21 MS

Matrix: Solid

Analysis Batch: 64850

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

Prep Type: Total/NA

Prep Batch: 64858

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U F2	999	1111		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.2	U	999	835.4		mg/Kg		80	70 - 130		

	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	89		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-21 MSD

Matrix: Solid

Analysis Batch: 64850

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

Prep Type: Total/NA

Prep Batch: 64858

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U F2	999	829.5	F2	mg/Kg		79	70 - 130	29	20
Diesel Range Organics (Over C10-C28)	<50.2	U	999	965.0		mg/Kg		93	70 - 130	14	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	104		70 - 130								

Lab Sample ID: MB 880-64859/1-A

Matrix: Solid

Analysis Batch: 64853

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:00	10/17/23 08:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:00	10/17/23 08:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:00	10/17/23 08:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/17/23 08:00	10/17/23 08:23	1
o-Terphenyl	102		70 - 130				10/17/23 08:00	10/17/23 08:23	1

Lab Sample ID: LCS 880-64859/2-A

Matrix: Solid

Analysis Batch: 64853

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	841.9		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	878.5		mg/Kg		88	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: LCSD 880-64859/3-A

Matrix: Solid

Analysis Batch: 64853

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64859

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	876.8		mg/Kg		88	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	885.0		mg/Kg		89	70 - 130	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-64859/3-A

Matrix: Solid

Analysis Batch: 64853

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64859

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: 880-34470-41 MS

Matrix: Solid

Analysis Batch: 64853

Client Sample ID: T-9 (0-1')

Prep Type: Total/NA

Prep Batch: 64859

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	993	612.5	F1	mg/Kg		62	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	993	565.6	F1	mg/Kg		54	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	72		70 - 130
o-Terphenyl	65	S1-	70 - 130

Lab Sample ID: 880-34470-41 MSD

Matrix: Solid

Analysis Batch: 64853

Client Sample ID: T-9 (0-1')

Prep Type: Total/NA

Prep Batch: 64859

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U F1	993	600.1	F1	mg/Kg		60	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	993	563.0	F1	mg/Kg		54	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	70		70 - 130
o-Terphenyl	64	S1-	70 - 130

Lab Sample ID: MB 880-64860/1-A

Matrix: Solid

Analysis Batch: 64854

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/17/23 08:00	10/17/23 08:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:00	10/17/23 08:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:00	10/17/23 08:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	10/17/23 08:00	10/17/23 08:23	1
o-Terphenyl	105		70 - 130	10/17/23 08:00	10/17/23 08:23	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-64860/2-A

Matrix: Solid

Analysis Batch: 64854

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	931.6		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	1000	926.1		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	99		70 - 130				
o-Terphenyl	103		70 - 130				

Lab Sample ID: LCSD 880-64860/3-A

Matrix: Solid

Analysis Batch: 64854

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64860

Appendix C Data											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics (GRO)-C6-C10			1000	912.8		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	935.5		mg/Kg		94	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	101		70 - 130								

Lab Sample ID: 880-34470-61 MS

Matrix: Solid

Analysis Batch: 64854

Client Sample ID: T-13 (0-1')

Prep Type: Total/NA

Prep Batch: 64860

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	991	719.4		mg/Kg		71	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U F1	991	690.8		mg/Kg		70	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	81		70 - 130								
o-Terphenyl	71		70 - 130								

Lab Sample ID: 880-34470-61 MSD

Matrix: Solid

Analysis Batch: 64854

Client Sample ID: T-13 (0-1')

Prep Type: Total/NA

Prep Batch: 64860

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	991	628.6	F1	mg/Kg	-	61	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	991	598.4	F1	mg/Kg		60	70 - 130	14	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	68	S1-	70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-61 MSD

Matrix: Solid

Analysis Batch: 64854

Client Sample ID: T-13 (0-1')

Prep Type: Total/NA

Prep Batch: 64860

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	62	S1-	70 - 130

Lab Sample ID: MB 880-64861/1-A

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64861

	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		10/17/23 08:47	10/17/23 20:10	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/17/23 08:47	10/17/23 20:10	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/17/23 08:47	10/17/23 20:10	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	143	S1+	70 - 130				10/17/23 08:47	10/17/23 20:10	1	
<i>o</i> -Terphenyl	153	S1+	70 - 130				10/17/23 08:47	10/17/23 20:10	1	

Lab Sample ID: LCS 880-64861/2-A

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 64861

			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	960.6		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	978.9		mg/Kg		98	70 - 130		
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
<i>o</i> -Terphenyl	87		70 - 130								

Lab Sample ID: LCSD 880-64861/3-A

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 64861

			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	968.9		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	927.1		mg/Kg		93	70 - 130	5	20
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	85		70 - 130								
<i>o</i> -Terphenyl	87		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 890-5456-A-5-D MS

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 64861

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	991	913.7		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	991	1054		mg/Kg		104	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	117		70 - 130								
o-Terphenyl	111		70 - 130								

Lab Sample ID: 890-5456-A-5-E MSD

Matrix: Solid

Analysis Batch: 64850

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 64861

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	991	914.8		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	991	1058		mg/Kg		104	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	116		70 - 130								
o-Terphenyl	108		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-64822/1-A

Matrix: Solid

Analysis Batch: 64890

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/17/23 23:52	1

Lab Sample ID: LCS 880-64822/2-A

Matrix: Solid

Analysis Batch: 64890

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.2		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-64822/3-A

Matrix: Solid

Analysis Batch: 64890

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.8		mg/Kg		100	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-34470-21 MS

Matrix: Solid

Analysis Batch: 64890

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	873	F1	252	1079	F1	mg/Kg		82	90 - 110		

Lab Sample ID: 880-34470-21 MSD

Matrix: Solid

Analysis Batch: 64890

Client Sample ID: T-5 (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	873	F1	252	1080	F1	mg/Kg		82	90 - 110	0	20

Lab Sample ID: 880-34470-31 MS

Matrix: Solid

Analysis Batch: 64890

Client Sample ID: T-7 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	138		251	379.1		mg/Kg		96	90 - 110		

Lab Sample ID: 880-34470-31 MSD

Matrix: Solid

Analysis Batch: 64890

Client Sample ID: T-7 (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	138		251	379.9		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-64820/1-A

Matrix: Solid

Analysis Batch: 64901

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/18/23 01:51	1

Lab Sample ID: LCS 880-64820/2-A

Matrix: Solid

Analysis Batch: 64901

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	237.6		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-64820/3-A

Matrix: Solid

Analysis Batch: 64901

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	237.7		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-34470-1 MS

Matrix: Solid

Analysis Batch: 64901

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	518	F1	249	735.7	F1	mg/Kg		88	90 - 110		

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QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-34470-1 MSD

Matrix: Solid

Analysis Batch: 64901

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	518	F1	249	736.7	F1	mg/Kg		88	90 - 110	0	20

Lab Sample ID: 880-34470-11 MS

Matrix: Solid

Analysis Batch: 64901

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1220		248	1391	4	mg/Kg		69	90 - 110		

Lab Sample ID: 880-34470-11 MSD

Matrix: Solid

Analysis Batch: 64901

Client Sample ID: T-3 (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	1220		248	1391	4	mg/Kg		68	90 - 110	0	20

Lab Sample ID: MB 880-64819/1-A

Matrix: Solid

Analysis Batch: 64903

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/17/23 19:07	1

Lab Sample ID: LCS 880-64819/2-A

Matrix: Solid

Analysis Batch: 64903

Client Sample ID: Lab Control Sample

Prep Type: Soluble

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

Lab Sample ID: LCSD 880-64819/3-A

Matrix: Solid

Analysis Batch: 64903

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.1		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-34418-A-25-D MS

Matrix: Solid

Analysis Batch: 64903

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2720		1260	3888		mg/Kg		93	90 - 110		

Lab Sample ID: 880-34418-A-25-E MSD

Matrix: Solid

Analysis Batch: 64903

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2720		1260	3866		mg/Kg		91	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-34452-A-1-B MS

Matrix: Solid

Analysis Batch: 64903

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	494	F1	253	655.0	F1	mg/Kg		64	90 - 110		

Lab Sample ID: 880-34452-A-1-C MSD

Matrix: Solid

Analysis Batch: 64903

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	494	F1	253	655.9	F1	mg/Kg		64	90 - 110	0	20

Lab Sample ID: MB 880-64823/1-A

Matrix: Solid

Analysis Batch: 64916

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/18/23 03:09	1

Lab Sample ID: LCS 880-64823/2-A

Matrix: Solid

Analysis Batch: 64916

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	252.1		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-64823/3-A

Matrix: Solid

Analysis Batch: 64916

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	252.6		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-34470-41 MS

Matrix: Solid

Analysis Batch: 64916

Client Sample ID: T-9 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3300		1240	4452		mg/Kg		93	90 - 110		

Lab Sample ID: 880-34470-41 MSD

Matrix: Solid

Analysis Batch: 64916

Client Sample ID: T-9 (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	3300		1240	4455		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-34470-51 MS

Matrix: Solid

Analysis Batch: 64916

Client Sample ID: T-11 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	591		250	823.3		mg/Kg		93	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-34470-51 MSD

Matrix: Solid

Analysis Batch: 64916

Client Sample ID: T-11 (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	591		250	825.4		mg/Kg		94	90 - 110	0	20

Lab Sample ID: MB 880-64825/1-A

Matrix: Solid

Analysis Batch: 64973

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/18/23 14:10	1

Lab Sample ID: LCS 880-64825/2-A

Matrix: Solid

Analysis Batch: 64973

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	228.4		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-64825/3-A

Matrix: Solid

Analysis Batch: 64973

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	228.7		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-34470-61 MS

Matrix: Solid

Analysis Batch: 64973

Client Sample ID: T-13 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	67.9		251	302.3		mg/Kg		94	90 - 110

Lab Sample ID: 880-34470-61 MSD

Matrix: Solid

Analysis Batch: 64973

Client Sample ID: T-13 (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	67.9		251	301.7		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-34470-71 MS

Matrix: Solid

Analysis Batch: 64973

Client Sample ID: T-15 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	18200		5030	23140		mg/Kg		98	90 - 110

Lab Sample ID: 880-34470-71 MSD

Matrix: Solid

Analysis Batch: 64973

Client Sample ID: T-15 (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	18200		5030	23180		mg/Kg		99	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 64748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-64748/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 64758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-81	T-17 (0-1')	Total/NA	Solid	8021B	64809
880-34470-82	T-17 (1.5')	Total/NA	Solid	8021B	64809
880-34470-83	T-17 (2.0')	Total/NA	Solid	8021B	64809
880-34470-84	T-17 (3.0')	Total/NA	Solid	8021B	64809
880-34470-85	T-17 (4.0')	Total/NA	Solid	8021B	64809
MB 880-64748/5-A	Method Blank	Total/NA	Solid	8021B	64748
MB 880-64809/5-A	Method Blank	Total/NA	Solid	8021B	64809
LCS 880-64809/1-A	Lab Control Sample	Total/NA	Solid	8021B	64809
LCSD 880-64809/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64809
880-34469-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	64809
880-34469-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	64809

Prep Batch: 64809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-81	T-17 (0-1')	Total/NA	Solid	5035	
880-34470-82	T-17 (1.5')	Total/NA	Solid	5035	
880-34470-83	T-17 (2.0')	Total/NA	Solid	5035	
880-34470-84	T-17 (3.0')	Total/NA	Solid	5035	
880-34470-85	T-17 (4.0')	Total/NA	Solid	5035	
MB 880-64809/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64809/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64809/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34469-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
880-34469-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 64811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1	T-1 (0-1')	Total/NA	Solid	5035	
880-34470-2	T-1 (1.5')	Total/NA	Solid	5035	
880-34470-3	T-1 (2.0')	Total/NA	Solid	5035	
880-34470-4	T-1 (3.0')	Total/NA	Solid	5035	
880-34470-5	T-1 (4.0')	Total/NA	Solid	5035	
880-34470-6	T-2 (0-1')	Total/NA	Solid	5035	
880-34470-7	T-2 (1.5')	Total/NA	Solid	5035	
880-34470-8	T-2 (2.0')	Total/NA	Solid	5035	
880-34470-9	T-2 (3.0')	Total/NA	Solid	5035	
880-34470-10	T-2 (4.0')	Total/NA	Solid	5035	
880-34470-11	T-3 (0-1')	Total/NA	Solid	5035	
880-34470-12	T-3 (1.5')	Total/NA	Solid	5035	
880-34470-13	T-3 (2.0')	Total/NA	Solid	5035	
880-34470-14	T-3 (3.0')	Total/NA	Solid	5035	
880-34470-15	T-3 (4.0')	Total/NA	Solid	5035	
880-34470-16	T-4 (0-1')	Total/NA	Solid	5035	
880-34470-17	T-4 (1.5')	Total/NA	Solid	5035	
880-34470-18	T-4 (2.0')	Total/NA	Solid	5035	
880-34470-19	T-4 (3.0')	Total/NA	Solid	5035	
880-34470-20	T-4 (4.0')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 64811 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-64811/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64811/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64811/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34470-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-34470-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 64812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-21	T-5 (0-1')	Total/NA	Solid	5035	
880-34470-22	T-5 (1.5')	Total/NA	Solid	5035	
880-34470-23	T-5 (2.0')	Total/NA	Solid	5035	
880-34470-24	T-5 (3.0')	Total/NA	Solid	5035	
880-34470-25	T-5 (4.0')	Total/NA	Solid	5035	
880-34470-26	T-6 (0-1')	Total/NA	Solid	5035	
880-34470-27	T-6 (1.5')	Total/NA	Solid	5035	
880-34470-28	T-6 (2.0')	Total/NA	Solid	5035	
880-34470-29	T-6 (3.0')	Total/NA	Solid	5035	
880-34470-30	T-6 (4.0')	Total/NA	Solid	5035	
880-34470-31	T-7 (0-1')	Total/NA	Solid	5035	
880-34470-32	T-7 (1.5')	Total/NA	Solid	5035	
880-34470-33	T-7 (2.0')	Total/NA	Solid	5035	
880-34470-34	T-7 (3.0')	Total/NA	Solid	5035	
880-34470-35	T-7 (4.0')	Total/NA	Solid	5035	
880-34470-36	T-8 (0-1')	Total/NA	Solid	5035	
880-34470-37	T-8 (1.5')	Total/NA	Solid	5035	
880-34470-38	T-8 (2.0')	Total/NA	Solid	5035	
880-34470-39	T-8 (3.0')	Total/NA	Solid	5035	
880-34470-40	T-8 (4.0')	Total/NA	Solid	5035	
MB 880-64812/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64812/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64812/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34470-21 MS	T-5 (0-1')	Total/NA	Solid	5035	
880-34470-21 MSD	T-5 (0-1')	Total/NA	Solid	5035	

Prep Batch: 64813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-41	T-9 (0-1')	Total/NA	Solid	5035	
880-34470-42	T-9 (1.5')	Total/NA	Solid	5035	
880-34470-43	T-9 (2.0')	Total/NA	Solid	5035	
880-34470-44	T-9 (3.0')	Total/NA	Solid	5035	
880-34470-45	T-9 (4.0')	Total/NA	Solid	5035	
880-34470-46	T-10 (0-1')	Total/NA	Solid	5035	
880-34470-47	T-10 (1.5')	Total/NA	Solid	5035	
880-34470-48	T-10 (2.0')	Total/NA	Solid	5035	
880-34470-49	T-10 (3.0')	Total/NA	Solid	5035	
880-34470-50	T-10 (4.0')	Total/NA	Solid	5035	
880-34470-51	T-11 (0-1')	Total/NA	Solid	5035	
880-34470-52	T-11 (1.5')	Total/NA	Solid	5035	
880-34470-53	T-11 (2.0')	Total/NA	Solid	5035	
880-34470-54	T-11 (3.0')	Total/NA	Solid	5035	
880-34470-55	T-11 (4.0')	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 64813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-56	T-12 (0-1')	Total/NA	Solid	5035	
880-34470-57	T-12 (1.5')	Total/NA	Solid	5035	
880-34470-58	T-12 (2.0')	Total/NA	Solid	5035	
880-34470-59	T-12 (3.0')	Total/NA	Solid	5035	
880-34470-60	T-12 (4.0')	Total/NA	Solid	5035	
MB 880-64813/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64813/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64813/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34470-41 MS	T-9 (0-1')	Total/NA	Solid	5035	
880-34470-41 MSD	T-9 (0-1')	Total/NA	Solid	5035	

Prep Batch: 64814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-61	T-13 (0-1')	Total/NA	Solid	5035	
880-34470-62	T-13 (1.5')	Total/NA	Solid	5035	
880-34470-63	T-13 (2.0')	Total/NA	Solid	5035	
880-34470-64	T-13 (3.0')	Total/NA	Solid	5035	
880-34470-65	T-13 (4.0')	Total/NA	Solid	5035	
880-34470-66	T-14 (0-1')	Total/NA	Solid	5035	
880-34470-67	T-14 (1.5')	Total/NA	Solid	5035	
880-34470-68	T-14 (2.0')	Total/NA	Solid	5035	
880-34470-69	T-14 (3.0')	Total/NA	Solid	5035	
880-34470-70	T-14 (4.0')	Total/NA	Solid	5035	
880-34470-71	T-15 (0-1')	Total/NA	Solid	5035	
880-34470-72	T-15 (1.5')	Total/NA	Solid	5035	
880-34470-73	T-15 (2.0')	Total/NA	Solid	5035	
880-34470-74	T-15 (3.0')	Total/NA	Solid	5035	
880-34470-75	T-15 (4.0')	Total/NA	Solid	5035	
880-34470-76	T-16 (0-1')	Total/NA	Solid	5035	
880-34470-77	T-16 (1.5')	Total/NA	Solid	5035	
880-34470-78	T-16 (2.0')	Total/NA	Solid	5035	
880-34470-79	T-16 (3.0')	Total/NA	Solid	5035	
880-34470-80	T-16 (4.0')	Total/NA	Solid	5035	
MB 880-64814/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64814/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64814/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34470-61 MS	T-13 (0-1')	Total/NA	Solid	5035	
880-34470-61 MSD	T-13 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 64862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-61	T-13 (0-1')	Total/NA	Solid	8021B	64814
880-34470-62	T-13 (1.5')	Total/NA	Solid	8021B	64814
880-34470-63	T-13 (2.0')	Total/NA	Solid	8021B	64814
880-34470-64	T-13 (3.0')	Total/NA	Solid	8021B	64814
880-34470-65	T-13 (4.0')	Total/NA	Solid	8021B	64814
880-34470-66	T-14 (0-1')	Total/NA	Solid	8021B	64814
880-34470-67	T-14 (1.5')	Total/NA	Solid	8021B	64814
880-34470-68	T-14 (2.0')	Total/NA	Solid	8021B	64814
880-34470-69	T-14 (3.0')	Total/NA	Solid	8021B	64814
880-34470-70	T-14 (4.0')	Total/NA	Solid	8021B	64814

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 64862 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-71	T-15 (0-1')	Total/NA	Solid	8021B	64814
880-34470-72	T-15 (1.5')	Total/NA	Solid	8021B	64814
880-34470-73	T-15 (2.0')	Total/NA	Solid	8021B	64814
880-34470-74	T-15 (3.0')	Total/NA	Solid	8021B	64814
880-34470-75	T-15 (4.0')	Total/NA	Solid	8021B	64814
880-34470-76	T-16 (0-1')	Total/NA	Solid	8021B	64814
880-34470-77	T-16 (1.5')	Total/NA	Solid	8021B	64814
880-34470-78	T-16 (2.0')	Total/NA	Solid	8021B	64814
880-34470-79	T-16 (3.0')	Total/NA	Solid	8021B	64814
880-34470-80	T-16 (4.0')	Total/NA	Solid	8021B	64814
MB 880-64814/5-A	Method Blank	Total/NA	Solid	8021B	64814
LCS 880-64814/1-A	Lab Control Sample	Total/NA	Solid	8021B	64814
LCSD 880-64814/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64814
880-34470-61 MS	T-13 (0-1')	Total/NA	Solid	8021B	64814
880-34470-61 MSD	T-13 (0-1')	Total/NA	Solid	8021B	64814

Analysis Batch: 64863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-41	T-9 (0-1')	Total/NA	Solid	8021B	64813
880-34470-42	T-9 (1.5')	Total/NA	Solid	8021B	64813
880-34470-43	T-9 (2.0')	Total/NA	Solid	8021B	64813
880-34470-44	T-9 (3.0')	Total/NA	Solid	8021B	64813
880-34470-45	T-9 (4.0')	Total/NA	Solid	8021B	64813
880-34470-46	T-10 (0-1')	Total/NA	Solid	8021B	64813
880-34470-47	T-10 (1.5')	Total/NA	Solid	8021B	64813
880-34470-48	T-10 (2.0')	Total/NA	Solid	8021B	64813
880-34470-49	T-10 (3.0')	Total/NA	Solid	8021B	64813
880-34470-50	T-10 (4.0')	Total/NA	Solid	8021B	64813
880-34470-51	T-11 (0-1')	Total/NA	Solid	8021B	64813
880-34470-52	T-11 (1.5')	Total/NA	Solid	8021B	64813
880-34470-53	T-11 (2.0')	Total/NA	Solid	8021B	64813
880-34470-54	T-11 (3.0')	Total/NA	Solid	8021B	64813
880-34470-55	T-11 (4.0')	Total/NA	Solid	8021B	64813
880-34470-56	T-12 (0-1')	Total/NA	Solid	8021B	64813
880-34470-57	T-12 (1.5')	Total/NA	Solid	8021B	64813
880-34470-58	T-12 (2.0')	Total/NA	Solid	8021B	64813
880-34470-59	T-12 (3.0')	Total/NA	Solid	8021B	64813
880-34470-60	T-12 (4.0')	Total/NA	Solid	8021B	64813
MB 880-64813/5-A	Method Blank	Total/NA	Solid	8021B	64813
MB 880-64865/5-A	Method Blank	Total/NA	Solid	8021B	64865
LCS 880-64813/1-A	Lab Control Sample	Total/NA	Solid	8021B	64813
LCSD 880-64813/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64813
880-34470-41 MS	T-9 (0-1')	Total/NA	Solid	8021B	64813
880-34470-41 MSD	T-9 (0-1')	Total/NA	Solid	8021B	64813

Analysis Batch: 64864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1	T-1 (0-1')	Total/NA	Solid	8021B	64811
880-34470-2	T-1 (1.5')	Total/NA	Solid	8021B	64811
880-34470-3	T-1 (2.0')	Total/NA	Solid	8021B	64811
880-34470-4	T-1 (3.0')	Total/NA	Solid	8021B	64811

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 64864 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-5	T-1 (4.0')	Total/NA	Solid	8021B	64811
880-34470-6	T-2 (0-1')	Total/NA	Solid	8021B	64811
880-34470-7	T-2 (1.5')	Total/NA	Solid	8021B	64811
880-34470-8	T-2 (2.0')	Total/NA	Solid	8021B	64811
880-34470-9	T-2 (3.0')	Total/NA	Solid	8021B	64811
880-34470-10	T-2 (4.0')	Total/NA	Solid	8021B	64811
880-34470-11	T-3 (0-1')	Total/NA	Solid	8021B	64811
880-34470-12	T-3 (1.5')	Total/NA	Solid	8021B	64811
880-34470-13	T-3 (2.0')	Total/NA	Solid	8021B	64811
880-34470-14	T-3 (3.0')	Total/NA	Solid	8021B	64811
880-34470-15	T-3 (4.0')	Total/NA	Solid	8021B	64811
880-34470-16	T-4 (0-1')	Total/NA	Solid	8021B	64811
880-34470-17	T-4 (1.5')	Total/NA	Solid	8021B	64811
880-34470-18	T-4 (2.0')	Total/NA	Solid	8021B	64811
880-34470-19	T-4 (3.0')	Total/NA	Solid	8021B	64811
880-34470-20	T-4 (4.0')	Total/NA	Solid	8021B	64811
880-34470-21	T-5 (0-1')	Total/NA	Solid	8021B	64812
880-34470-22	T-5 (1.5')	Total/NA	Solid	8021B	64812
880-34470-23	T-5 (2.0')	Total/NA	Solid	8021B	64812
880-34470-24	T-5 (3.0')	Total/NA	Solid	8021B	64812
880-34470-25	T-5 (4.0')	Total/NA	Solid	8021B	64812
880-34470-26	T-6 (0-1')	Total/NA	Solid	8021B	64812
880-34470-27	T-6 (1.5')	Total/NA	Solid	8021B	64812
880-34470-28	T-6 (2.0')	Total/NA	Solid	8021B	64812
880-34470-29	T-6 (3.0')	Total/NA	Solid	8021B	64812
880-34470-30	T-6 (4.0')	Total/NA	Solid	8021B	64812
880-34470-31	T-7 (0-1')	Total/NA	Solid	8021B	64812
880-34470-32	T-7 (1.5')	Total/NA	Solid	8021B	64812
880-34470-33	T-7 (2.0')	Total/NA	Solid	8021B	64812
880-34470-34	T-7 (3.0')	Total/NA	Solid	8021B	64812
880-34470-35	T-7 (4.0')	Total/NA	Solid	8021B	64812
880-34470-36	T-8 (0-1')	Total/NA	Solid	8021B	64812
880-34470-37	T-8 (1.5')	Total/NA	Solid	8021B	64812
880-34470-38	T-8 (2.0')	Total/NA	Solid	8021B	64812
880-34470-39	T-8 (3.0')	Total/NA	Solid	8021B	64812
880-34470-40	T-8 (4.0')	Total/NA	Solid	8021B	64812
MB 880-64811/5-A	Method Blank	Total/NA	Solid	8021B	64811
MB 880-64812/5-A	Method Blank	Total/NA	Solid	8021B	64812
LCS 880-64811/1-A	Lab Control Sample	Total/NA	Solid	8021B	64811
LCS 880-64812/1-A	Lab Control Sample	Total/NA	Solid	8021B	64812
LCSD 880-64811/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64811
LCSD 880-64812/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64812
880-34470-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	64811
880-34470-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	64811
880-34470-21 MS	T-5 (0-1')	Total/NA	Solid	8021B	64812
880-34470-21 MSD	T-5 (0-1')	Total/NA	Solid	8021B	64812

Prep Batch: 64865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-64865/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 64899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-3	T-1 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-4	T-1 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-5	T-1 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-6	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-7	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-8	T-2 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-9	T-2 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-10	T-2 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-11	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-12	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-13	T-3 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-14	T-3 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-15	T-3 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-16	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-17	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-18	T-4 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-19	T-4 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-20	T-4 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-21	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-22	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-23	T-5 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-24	T-5 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-25	T-5 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-26	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-27	T-6 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-28	T-6 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-29	T-6 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-30	T-6 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-31	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-32	T-7 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-33	T-7 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-34	T-7 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-35	T-7 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-36	T-8 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-37	T-8 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-38	T-8 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-39	T-8 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-40	T-8 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-41	T-9 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-42	T-9 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-43	T-9 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-44	T-9 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-45	T-9 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-46	T-10 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-47	T-10 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-48	T-10 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-49	T-10 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-50	T-10 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-51	T-11 (0-1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC VOA (Continued)

Analysis Batch: 64899 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-52	T-11 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-53	T-11 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-54	T-11 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-55	T-11 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-56	T-12 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-57	T-12 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-58	T-12 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-59	T-12 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-60	T-12 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-61	T-13 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-62	T-13 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-63	T-13 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-64	T-13 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-65	T-13 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-66	T-14 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-67	T-14 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-68	T-14 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-69	T-14 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-70	T-14 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-71	T-15 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-72	T-15 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-73	T-15 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-74	T-15 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-75	T-15 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-76	T-16 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-77	T-16 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-78	T-16 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-79	T-16 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-80	T-16 (4.0')	Total/NA	Solid	Total BTEX	
880-34470-81	T-17 (0-1')	Total/NA	Solid	Total BTEX	
880-34470-82	T-17 (1.5')	Total/NA	Solid	Total BTEX	
880-34470-83	T-17 (2.0')	Total/NA	Solid	Total BTEX	
880-34470-84	T-17 (3.0')	Total/NA	Solid	Total BTEX	
880-34470-85	T-17 (4.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 64848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1	T-1 (0-1')	Total/NA	Solid	8015B NM	64857
880-34470-2	T-1 (1.5')	Total/NA	Solid	8015B NM	64857
880-34470-3	T-1 (2.0')	Total/NA	Solid	8015B NM	64857
880-34470-4	T-1 (3.0')	Total/NA	Solid	8015B NM	64857
880-34470-5	T-1 (4.0')	Total/NA	Solid	8015B NM	64857
880-34470-6	T-2 (0-1')	Total/NA	Solid	8015B NM	64857
880-34470-7	T-2 (1.5')	Total/NA	Solid	8015B NM	64857
880-34470-8	T-2 (2.0')	Total/NA	Solid	8015B NM	64857
880-34470-9	T-2 (3.0')	Total/NA	Solid	8015B NM	64857
880-34470-10	T-2 (4.0')	Total/NA	Solid	8015B NM	64857
880-34470-11	T-3 (0-1')	Total/NA	Solid	8015B NM	64857
880-34470-12	T-3 (1.5')	Total/NA	Solid	8015B NM	64857

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 64848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-13	T-3 (2.0')	Total/NA	Solid	8015B NM	64857
880-34470-14	T-3 (3.0')	Total/NA	Solid	8015B NM	64857
880-34470-15	T-3 (4.0')	Total/NA	Solid	8015B NM	64857
880-34470-16	T-4 (0-1')	Total/NA	Solid	8015B NM	64857
880-34470-17	T-4 (1.5')	Total/NA	Solid	8015B NM	64857
880-34470-18	T-4 (2.0')	Total/NA	Solid	8015B NM	64857
880-34470-19	T-4 (3.0')	Total/NA	Solid	8015B NM	64857
880-34470-20	T-4 (4.0')	Total/NA	Solid	8015B NM	64857
MB 880-64857/1-A	Method Blank	Total/NA	Solid	8015B NM	64857
LCS 880-64857/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64857
LCSD 880-64857/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64857
880-34470-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	64857
880-34470-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	64857

Analysis Batch: 64850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-21	T-5 (0-1')	Total/NA	Solid	8015B NM	64858
880-34470-22	T-5 (1.5')	Total/NA	Solid	8015B NM	64858
880-34470-23	T-5 (2.0')	Total/NA	Solid	8015B NM	64858
880-34470-24	T-5 (3.0')	Total/NA	Solid	8015B NM	64858
880-34470-25	T-5 (4.0')	Total/NA	Solid	8015B NM	64858
880-34470-26	T-6 (0-1')	Total/NA	Solid	8015B NM	64858
880-34470-27	T-6 (1.5')	Total/NA	Solid	8015B NM	64858
880-34470-28	T-6 (2.0')	Total/NA	Solid	8015B NM	64858
880-34470-29	T-6 (3.0')	Total/NA	Solid	8015B NM	64858
880-34470-30	T-6 (4.0')	Total/NA	Solid	8015B NM	64858
880-34470-31	T-7 (0-1')	Total/NA	Solid	8015B NM	64858
880-34470-32	T-7 (1.5')	Total/NA	Solid	8015B NM	64858
880-34470-33	T-7 (2.0')	Total/NA	Solid	8015B NM	64858
880-34470-34	T-7 (3.0')	Total/NA	Solid	8015B NM	64858
880-34470-35	T-7 (4.0')	Total/NA	Solid	8015B NM	64858
880-34470-36	T-8 (0-1')	Total/NA	Solid	8015B NM	64858
880-34470-37	T-8 (1.5')	Total/NA	Solid	8015B NM	64858
880-34470-38	T-8 (2.0')	Total/NA	Solid	8015B NM	64858
880-34470-39	T-8 (3.0')	Total/NA	Solid	8015B NM	64858
880-34470-40	T-8 (4.0')	Total/NA	Solid	8015B NM	64858
880-34470-81	T-17 (0-1')	Total/NA	Solid	8015B NM	64861
880-34470-82	T-17 (1.5')	Total/NA	Solid	8015B NM	64861
880-34470-83	T-17 (2.0')	Total/NA	Solid	8015B NM	64861
880-34470-84	T-17 (3.0')	Total/NA	Solid	8015B NM	64861
880-34470-85	T-17 (4.0')	Total/NA	Solid	8015B NM	64861
MB 880-64858/1-A	Method Blank	Total/NA	Solid	8015B NM	64858
MB 880-64861/1-A	Method Blank	Total/NA	Solid	8015B NM	64861
LCS 880-64858/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64858
LCS 880-64861/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64861
LCSD 880-64858/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64858
LCSD 880-64861/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64861
880-34470-21 MS	T-5 (0-1')	Total/NA	Solid	8015B NM	64858
880-34470-21 MSD	T-5 (0-1')	Total/NA	Solid	8015B NM	64858
890-5456-A-5-D MS	Matrix Spike	Total/NA	Solid	8015B NM	64861
890-5456-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	64861

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC Semi VOA

Analysis Batch: 64853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-41	T-9 (0-1')	Total/NA	Solid	8015B NM	64859
880-34470-42	T-9 (1.5')	Total/NA	Solid	8015B NM	64859
880-34470-43	T-9 (2.0')	Total/NA	Solid	8015B NM	64859
880-34470-44	T-9 (3.0')	Total/NA	Solid	8015B NM	64859
880-34470-45	T-9 (4.0')	Total/NA	Solid	8015B NM	64859
880-34470-46	T-10 (0-1')	Total/NA	Solid	8015B NM	64859
880-34470-47	T-10 (1.5')	Total/NA	Solid	8015B NM	64859
880-34470-48	T-10 (2.0')	Total/NA	Solid	8015B NM	64859
880-34470-49	T-10 (3.0')	Total/NA	Solid	8015B NM	64859
880-34470-50	T-10 (4.0')	Total/NA	Solid	8015B NM	64859
880-34470-51	T-11 (0-1')	Total/NA	Solid	8015B NM	64859
880-34470-52	T-11 (1.5')	Total/NA	Solid	8015B NM	64859
880-34470-53	T-11 (2.0')	Total/NA	Solid	8015B NM	64859
880-34470-54	T-11 (3.0')	Total/NA	Solid	8015B NM	64859
880-34470-55	T-11 (4.0')	Total/NA	Solid	8015B NM	64859
880-34470-56	T-12 (0-1')	Total/NA	Solid	8015B NM	64859
880-34470-57	T-12 (1.5')	Total/NA	Solid	8015B NM	64859
880-34470-58	T-12 (2.0')	Total/NA	Solid	8015B NM	64859
880-34470-59	T-12 (3.0')	Total/NA	Solid	8015B NM	64859
880-34470-60	T-12 (4.0')	Total/NA	Solid	8015B NM	64859
MB 880-64859/1-A	Method Blank	Total/NA	Solid	8015B NM	64859
LCS 880-64859/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64859
LCSD 880-64859/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64859
880-34470-41 MS	T-9 (0-1')	Total/NA	Solid	8015B NM	64859
880-34470-41 MSD	T-9 (0-1')	Total/NA	Solid	8015B NM	64859

Analysis Batch: 64854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-61	T-13 (0-1')	Total/NA	Solid	8015B NM	64860
880-34470-62	T-13 (1.5')	Total/NA	Solid	8015B NM	64860
880-34470-63	T-13 (2.0')	Total/NA	Solid	8015B NM	64860
880-34470-64	T-13 (3.0')	Total/NA	Solid	8015B NM	64860
880-34470-65	T-13 (4.0')	Total/NA	Solid	8015B NM	64860
880-34470-66	T-14 (0-1')	Total/NA	Solid	8015B NM	64860
880-34470-67	T-14 (1.5')	Total/NA	Solid	8015B NM	64860
880-34470-68	T-14 (2.0')	Total/NA	Solid	8015B NM	64860
880-34470-69	T-14 (3.0')	Total/NA	Solid	8015B NM	64860
880-34470-70	T-14 (4.0')	Total/NA	Solid	8015B NM	64860
880-34470-71	T-15 (0-1')	Total/NA	Solid	8015B NM	64860
880-34470-72	T-15 (1.5')	Total/NA	Solid	8015B NM	64860
880-34470-73	T-15 (2.0')	Total/NA	Solid	8015B NM	64860
880-34470-74	T-15 (3.0')	Total/NA	Solid	8015B NM	64860
880-34470-75	T-15 (4.0')	Total/NA	Solid	8015B NM	64860
880-34470-76	T-16 (0-1')	Total/NA	Solid	8015B NM	64860
880-34470-77	T-16 (1.5')	Total/NA	Solid	8015B NM	64860
880-34470-78	T-16 (2.0')	Total/NA	Solid	8015B NM	64860
880-34470-79	T-16 (3.0')	Total/NA	Solid	8015B NM	64860
880-34470-80	T-16 (4.0')	Total/NA	Solid	8015B NM	64860
MB 880-64860/1-A	Method Blank	Total/NA	Solid	8015B NM	64860
LCS 880-64860/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64860
LCSD 880-64860/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64860

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 64854 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-61 MS	T-13 (0-1')	Total/NA	Solid	8015B NM	64860
880-34470-61 MSD	T-13 (0-1')	Total/NA	Solid	8015B NM	64860

Prep Batch: 64857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-3	T-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-4	T-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-5	T-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-6	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-7	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-8	T-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-9	T-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-10	T-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-11	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-12	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-13	T-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-14	T-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-15	T-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-16	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-17	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-18	T-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-19	T-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-20	T-4 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-64857/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64857/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64857/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-34470-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 64858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-21	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-22	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-23	T-5 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-24	T-5 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-25	T-5 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-26	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-27	T-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-28	T-6 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-29	T-6 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-30	T-6 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-31	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-32	T-7 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-33	T-7 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-34	T-7 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-35	T-7 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-36	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-37	T-8 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-38	T-8 (2.0')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 64858 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-39	T-8 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-40	T-8 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-64858/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64858/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64858/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-34470-21 MS	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-21 MSD	T-5 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 64859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-41	T-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-42	T-9 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-43	T-9 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-44	T-9 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-45	T-9 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-46	T-10 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-47	T-10 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-48	T-10 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-49	T-10 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-50	T-10 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-51	T-11 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-52	T-11 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-53	T-11 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-54	T-11 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-55	T-11 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-56	T-12 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-57	T-12 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-58	T-12 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-59	T-12 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-60	T-12 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-64859/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64859/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64859/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-34470-41 MS	T-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-41 MSD	T-9 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 64860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-61	T-13 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-62	T-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-63	T-13 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-64	T-13 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-65	T-13 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-66	T-14 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-67	T-14 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-68	T-14 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-69	T-14 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-70	T-14 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-71	T-15 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-72	T-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-73	T-15 (2.0')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 64860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-74	T-15 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-75	T-15 (4.0')	Total/NA	Solid	8015NM Prep	
880-34470-76	T-16 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-77	T-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-78	T-16 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-79	T-16 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-80	T-16 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-64860/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64860/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64860/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-34470-61 MS	T-13 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-61 MSD	T-13 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 64861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-81	T-17 (0-1')	Total/NA	Solid	8015NM Prep	
880-34470-82	T-17 (1.5')	Total/NA	Solid	8015NM Prep	
880-34470-83	T-17 (2.0')	Total/NA	Solid	8015NM Prep	
880-34470-84	T-17 (3.0')	Total/NA	Solid	8015NM Prep	
880-34470-85	T-17 (4.0')	Total/NA	Solid	8015NM Prep	
MB 880-64861/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64861/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64861/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-5456-A-5-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-5456-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 64974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-34470-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-34470-3	T-1 (2.0')	Total/NA	Solid	8015 NM	
880-34470-4	T-1 (3.0')	Total/NA	Solid	8015 NM	
880-34470-5	T-1 (4.0')	Total/NA	Solid	8015 NM	
880-34470-6	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-34470-7	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-34470-8	T-2 (2.0')	Total/NA	Solid	8015 NM	
880-34470-9	T-2 (3.0')	Total/NA	Solid	8015 NM	
880-34470-10	T-2 (4.0')	Total/NA	Solid	8015 NM	
880-34470-11	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-34470-12	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-34470-13	T-3 (2.0')	Total/NA	Solid	8015 NM	
880-34470-14	T-3 (3.0')	Total/NA	Solid	8015 NM	
880-34470-15	T-3 (4.0')	Total/NA	Solid	8015 NM	
880-34470-16	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-34470-17	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-34470-18	T-4 (2.0')	Total/NA	Solid	8015 NM	
880-34470-19	T-4 (3.0')	Total/NA	Solid	8015 NM	
880-34470-20	T-4 (4.0')	Total/NA	Solid	8015 NM	
880-34470-21	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-34470-22	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-34470-23	T-5 (2.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 64974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-24	T-5 (3.0')	Total/NA	Solid	8015 NM	
880-34470-25	T-5 (4.0')	Total/NA	Solid	8015 NM	
880-34470-26	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-34470-27	T-6 (1.5')	Total/NA	Solid	8015 NM	
880-34470-28	T-6 (2.0')	Total/NA	Solid	8015 NM	
880-34470-29	T-6 (3.0')	Total/NA	Solid	8015 NM	
880-34470-30	T-6 (4.0')	Total/NA	Solid	8015 NM	
880-34470-31	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-34470-32	T-7 (1.5')	Total/NA	Solid	8015 NM	
880-34470-33	T-7 (2.0')	Total/NA	Solid	8015 NM	
880-34470-34	T-7 (3.0')	Total/NA	Solid	8015 NM	
880-34470-35	T-7 (4.0')	Total/NA	Solid	8015 NM	
880-34470-36	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-34470-37	T-8 (1.5')	Total/NA	Solid	8015 NM	
880-34470-38	T-8 (2.0')	Total/NA	Solid	8015 NM	
880-34470-39	T-8 (3.0')	Total/NA	Solid	8015 NM	
880-34470-40	T-8 (4.0')	Total/NA	Solid	8015 NM	
880-34470-41	T-9 (0-1')	Total/NA	Solid	8015 NM	
880-34470-42	T-9 (1.5')	Total/NA	Solid	8015 NM	
880-34470-43	T-9 (2.0')	Total/NA	Solid	8015 NM	
880-34470-44	T-9 (3.0')	Total/NA	Solid	8015 NM	
880-34470-45	T-9 (4.0')	Total/NA	Solid	8015 NM	
880-34470-46	T-10 (0-1')	Total/NA	Solid	8015 NM	
880-34470-47	T-10 (1.5')	Total/NA	Solid	8015 NM	
880-34470-48	T-10 (2.0')	Total/NA	Solid	8015 NM	
880-34470-49	T-10 (3.0')	Total/NA	Solid	8015 NM	
880-34470-50	T-10 (4.0')	Total/NA	Solid	8015 NM	
880-34470-51	T-11 (0-1')	Total/NA	Solid	8015 NM	
880-34470-52	T-11 (1.5')	Total/NA	Solid	8015 NM	
880-34470-53	T-11 (2.0')	Total/NA	Solid	8015 NM	
880-34470-54	T-11 (3.0')	Total/NA	Solid	8015 NM	
880-34470-55	T-11 (4.0')	Total/NA	Solid	8015 NM	
880-34470-56	T-12 (0-1')	Total/NA	Solid	8015 NM	
880-34470-57	T-12 (1.5')	Total/NA	Solid	8015 NM	
880-34470-58	T-12 (2.0')	Total/NA	Solid	8015 NM	
880-34470-59	T-12 (3.0')	Total/NA	Solid	8015 NM	
880-34470-60	T-12 (4.0')	Total/NA	Solid	8015 NM	
880-34470-61	T-13 (0-1')	Total/NA	Solid	8015 NM	
880-34470-62	T-13 (1.5')	Total/NA	Solid	8015 NM	
880-34470-63	T-13 (2.0')	Total/NA	Solid	8015 NM	
880-34470-64	T-13 (3.0')	Total/NA	Solid	8015 NM	
880-34470-65	T-13 (4.0')	Total/NA	Solid	8015 NM	
880-34470-66	T-14 (0-1')	Total/NA	Solid	8015 NM	
880-34470-67	T-14 (1.5')	Total/NA	Solid	8015 NM	
880-34470-68	T-14 (2.0')	Total/NA	Solid	8015 NM	
880-34470-69	T-14 (3.0')	Total/NA	Solid	8015 NM	
880-34470-70	T-14 (4.0')	Total/NA	Solid	8015 NM	
880-34470-71	T-15 (0-1')	Total/NA	Solid	8015 NM	
880-34470-72	T-15 (1.5')	Total/NA	Solid	8015 NM	
880-34470-73	T-15 (2.0')	Total/NA	Solid	8015 NM	
880-34470-74	T-15 (3.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 64974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-75	T-15 (4.0')	Total/NA	Solid	8015 NM	
880-34470-76	T-16 (0-1')	Total/NA	Solid	8015 NM	
880-34470-77	T-16 (1.5')	Total/NA	Solid	8015 NM	
880-34470-78	T-16 (2.0')	Total/NA	Solid	8015 NM	
880-34470-79	T-16 (3.0')	Total/NA	Solid	8015 NM	
880-34470-80	T-16 (4.0')	Total/NA	Solid	8015 NM	
880-34470-81	T-17 (0-1')	Total/NA	Solid	8015 NM	
880-34470-82	T-17 (1.5')	Total/NA	Solid	8015 NM	
880-34470-83	T-17 (2.0')	Total/NA	Solid	8015 NM	
880-34470-84	T-17 (3.0')	Total/NA	Solid	8015 NM	
880-34470-85	T-17 (4.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 64819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-81	T-17 (0-1')	Soluble	Solid	DI Leach	
880-34470-82	T-17 (1.5')	Soluble	Solid	DI Leach	
880-34470-83	T-17 (2.0')	Soluble	Solid	DI Leach	
880-34470-84	T-17 (3.0')	Soluble	Solid	DI Leach	
880-34470-85	T-17 (4.0')	Soluble	Solid	DI Leach	
MB 880-64819/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64819/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-64819/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34418-A-25-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-34418-A-25-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-34452-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-34452-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 64820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-34470-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-34470-3	T-1 (2.0')	Soluble	Solid	DI Leach	
880-34470-4	T-1 (3.0')	Soluble	Solid	DI Leach	
880-34470-5	T-1 (4.0')	Soluble	Solid	DI Leach	
880-34470-6	T-2 (0-1')	Soluble	Solid	DI Leach	
880-34470-7	T-2 (1.5')	Soluble	Solid	DI Leach	
880-34470-8	T-2 (2.0')	Soluble	Solid	DI Leach	
880-34470-9	T-2 (3.0')	Soluble	Solid	DI Leach	
880-34470-10	T-2 (4.0')	Soluble	Solid	DI Leach	
880-34470-11	T-3 (0-1')	Soluble	Solid	DI Leach	
880-34470-12	T-3 (1.5')	Soluble	Solid	DI Leach	
880-34470-13	T-3 (2.0')	Soluble	Solid	DI Leach	
880-34470-14	T-3 (3.0')	Soluble	Solid	DI Leach	
880-34470-15	T-3 (4.0')	Soluble	Solid	DI Leach	
880-34470-16	T-4 (0-1')	Soluble	Solid	DI Leach	
880-34470-17	T-4 (1.5')	Soluble	Solid	DI Leach	
880-34470-18	T-4 (2.0')	Soluble	Solid	DI Leach	
880-34470-19	T-4 (3.0')	Soluble	Solid	DI Leach	
880-34470-20	T-4 (4.0')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 64820 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-64820/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64820/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64820/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34470-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-34470-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-34470-11 MS	T-3 (0-1')	Soluble	Solid	DI Leach	
880-34470-11 MSD	T-3 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 64822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-21	T-5 (0-1')	Soluble	Solid	DI Leach	
880-34470-22	T-5 (1.5')	Soluble	Solid	DI Leach	
880-34470-23	T-5 (2.0')	Soluble	Solid	DI Leach	
880-34470-24	T-5 (3.0')	Soluble	Solid	DI Leach	
880-34470-25	T-5 (4.0')	Soluble	Solid	DI Leach	
880-34470-26	T-6 (0-1')	Soluble	Solid	DI Leach	
880-34470-27	T-6 (1.5')	Soluble	Solid	DI Leach	
880-34470-28	T-6 (2.0')	Soluble	Solid	DI Leach	
880-34470-29	T-6 (3.0')	Soluble	Solid	DI Leach	
880-34470-30	T-6 (4.0')	Soluble	Solid	DI Leach	
880-34470-31	T-7 (0-1')	Soluble	Solid	DI Leach	
880-34470-32	T-7 (1.5')	Soluble	Solid	DI Leach	
880-34470-33	T-7 (2.0')	Soluble	Solid	DI Leach	
880-34470-34	T-7 (3.0')	Soluble	Solid	DI Leach	
880-34470-35	T-7 (4.0')	Soluble	Solid	DI Leach	
880-34470-36	T-8 (0-1')	Soluble	Solid	DI Leach	
880-34470-37	T-8 (1.5')	Soluble	Solid	DI Leach	
880-34470-38	T-8 (2.0')	Soluble	Solid	DI Leach	
880-34470-39	T-8 (3.0')	Soluble	Solid	DI Leach	
880-34470-40	T-8 (4.0')	Soluble	Solid	DI Leach	
MB 880-64822/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64822/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64822/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34470-21 MS	T-5 (0-1')	Soluble	Solid	DI Leach	
880-34470-21 MSD	T-5 (0-1')	Soluble	Solid	DI Leach	
880-34470-31 MS	T-7 (0-1')	Soluble	Solid	DI Leach	
880-34470-31 MSD	T-7 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 64823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-41	T-9 (0-1')	Soluble	Solid	DI Leach	
880-34470-42	T-9 (1.5')	Soluble	Solid	DI Leach	
880-34470-43	T-9 (2.0')	Soluble	Solid	DI Leach	
880-34470-44	T-9 (3.0')	Soluble	Solid	DI Leach	
880-34470-45	T-9 (4.0')	Soluble	Solid	DI Leach	
880-34470-46	T-10 (0-1')	Soluble	Solid	DI Leach	
880-34470-47	T-10 (1.5')	Soluble	Solid	DI Leach	
880-34470-48	T-10 (2.0')	Soluble	Solid	DI Leach	
880-34470-49	T-10 (3.0')	Soluble	Solid	DI Leach	
880-34470-50	T-10 (4.0')	Soluble	Solid	DI Leach	
880-34470-51	T-11 (0-1')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 64823 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-52	T-11 (1.5')	Soluble	Solid	DI Leach	
880-34470-53	T-11 (2.0')	Soluble	Solid	DI Leach	
880-34470-54	T-11 (3.0')	Soluble	Solid	DI Leach	
880-34470-55	T-11 (4.0')	Soluble	Solid	DI Leach	
880-34470-56	T-12 (0-1')	Soluble	Solid	DI Leach	
880-34470-57	T-12 (1.5')	Soluble	Solid	DI Leach	
880-34470-58	T-12 (2.0')	Soluble	Solid	DI Leach	
880-34470-59	T-12 (3.0')	Soluble	Solid	DI Leach	
880-34470-60	T-12 (4.0')	Soluble	Solid	DI Leach	
MB 880-64823/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64823/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64823/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34470-41 MS	T-9 (0-1')	Soluble	Solid	DI Leach	
880-34470-41 MSD	T-9 (0-1')	Soluble	Solid	DI Leach	
880-34470-51 MS	T-11 (0-1')	Soluble	Solid	DI Leach	
880-34470-51 MSD	T-11 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 64825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-61	T-13 (0-1')	Soluble	Solid	DI Leach	
880-34470-62	T-13 (1.5')	Soluble	Solid	DI Leach	
880-34470-63	T-13 (2.0')	Soluble	Solid	DI Leach	
880-34470-64	T-13 (3.0')	Soluble	Solid	DI Leach	
880-34470-65	T-13 (4.0')	Soluble	Solid	DI Leach	
880-34470-66	T-14 (0-1')	Soluble	Solid	DI Leach	
880-34470-67	T-14 (1.5')	Soluble	Solid	DI Leach	
880-34470-68	T-14 (2.0')	Soluble	Solid	DI Leach	
880-34470-69	T-14 (3.0')	Soluble	Solid	DI Leach	
880-34470-70	T-14 (4.0')	Soluble	Solid	DI Leach	
880-34470-71	T-15 (0-1')	Soluble	Solid	DI Leach	
880-34470-72	T-15 (1.5')	Soluble	Solid	DI Leach	
880-34470-73	T-15 (2.0')	Soluble	Solid	DI Leach	
880-34470-74	T-15 (3.0')	Soluble	Solid	DI Leach	
880-34470-75	T-15 (4.0')	Soluble	Solid	DI Leach	
880-34470-76	T-16 (0-1')	Soluble	Solid	DI Leach	
880-34470-77	T-16 (1.5')	Soluble	Solid	DI Leach	
880-34470-78	T-16 (2.0')	Soluble	Solid	DI Leach	
880-34470-79	T-16 (3.0')	Soluble	Solid	DI Leach	
880-34470-80	T-16 (4.0')	Soluble	Solid	DI Leach	
MB 880-64825/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64825/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64825/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34470-61 MS	T-13 (0-1')	Soluble	Solid	DI Leach	
880-34470-61 MSD	T-13 (0-1')	Soluble	Solid	DI Leach	
880-34470-71 MS	T-15 (0-1')	Soluble	Solid	DI Leach	
880-34470-71 MSD	T-15 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 64890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-21	T-5 (0-1')	Soluble	Solid	300.0	64822
880-34470-22	T-5 (1.5')	Soluble	Solid	300.0	64822

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 64890 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-23	T-5 (2.0')	Soluble	Solid	300.0	64822
880-34470-24	T-5 (3.0')	Soluble	Solid	300.0	64822
880-34470-25	T-5 (4.0')	Soluble	Solid	300.0	64822
880-34470-26	T-6 (0-1')	Soluble	Solid	300.0	64822
880-34470-27	T-6 (1.5')	Soluble	Solid	300.0	64822
880-34470-28	T-6 (2.0')	Soluble	Solid	300.0	64822
880-34470-29	T-6 (3.0')	Soluble	Solid	300.0	64822
880-34470-30	T-6 (4.0')	Soluble	Solid	300.0	64822
880-34470-31	T-7 (0-1')	Soluble	Solid	300.0	64822
880-34470-32	T-7 (1.5')	Soluble	Solid	300.0	64822
880-34470-33	T-7 (2.0')	Soluble	Solid	300.0	64822
880-34470-34	T-7 (3.0')	Soluble	Solid	300.0	64822
880-34470-35	T-7 (4.0')	Soluble	Solid	300.0	64822
880-34470-36	T-8 (0-1')	Soluble	Solid	300.0	64822
880-34470-37	T-8 (1.5')	Soluble	Solid	300.0	64822
880-34470-38	T-8 (2.0')	Soluble	Solid	300.0	64822
880-34470-39	T-8 (3.0')	Soluble	Solid	300.0	64822
880-34470-40	T-8 (4.0')	Soluble	Solid	300.0	64822
MB 880-64822/1-A	Method Blank	Soluble	Solid	300.0	64822
LCS 880-64822/2-A	Lab Control Sample	Soluble	Solid	300.0	64822
LCSD 880-64822/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64822
880-34470-21 MS	T-5 (0-1')	Soluble	Solid	300.0	64822
880-34470-21 MSD	T-5 (0-1')	Soluble	Solid	300.0	64822
880-34470-31 MS	T-7 (0-1')	Soluble	Solid	300.0	64822
880-34470-31 MSD	T-7 (0-1')	Soluble	Solid	300.0	64822

Analysis Batch: 64901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1	T-1 (0-1')	Soluble	Solid	300.0	64820
880-34470-2	T-1 (1.5')	Soluble	Solid	300.0	64820
880-34470-3	T-1 (2.0')	Soluble	Solid	300.0	64820
880-34470-4	T-1 (3.0')	Soluble	Solid	300.0	64820
880-34470-5	T-1 (4.0')	Soluble	Solid	300.0	64820
880-34470-6	T-2 (0-1')	Soluble	Solid	300.0	64820
880-34470-7	T-2 (1.5')	Soluble	Solid	300.0	64820
880-34470-8	T-2 (2.0')	Soluble	Solid	300.0	64820
880-34470-9	T-2 (3.0')	Soluble	Solid	300.0	64820
880-34470-10	T-2 (4.0')	Soluble	Solid	300.0	64820
880-34470-11	T-3 (0-1')	Soluble	Solid	300.0	64820
880-34470-12	T-3 (1.5')	Soluble	Solid	300.0	64820
880-34470-13	T-3 (2.0')	Soluble	Solid	300.0	64820
880-34470-14	T-3 (3.0')	Soluble	Solid	300.0	64820
880-34470-15	T-3 (4.0')	Soluble	Solid	300.0	64820
880-34470-16	T-4 (0-1')	Soluble	Solid	300.0	64820
880-34470-17	T-4 (1.5')	Soluble	Solid	300.0	64820
880-34470-18	T-4 (2.0')	Soluble	Solid	300.0	64820
880-34470-19	T-4 (3.0')	Soluble	Solid	300.0	64820
880-34470-20	T-4 (4.0')	Soluble	Solid	300.0	64820
MB 880-64820/1-A	Method Blank	Soluble	Solid	300.0	64820
LCS 880-64820/2-A	Lab Control Sample	Soluble	Solid	300.0	64820
LCSD 880-64820/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64820

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QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 64901 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-1 MS	T-1 (0-1')	Soluble	Solid	300.0	64820
880-34470-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	64820
880-34470-11 MS	T-3 (0-1')	Soluble	Solid	300.0	64820
880-34470-11 MSD	T-3 (0-1')	Soluble	Solid	300.0	64820

Analysis Batch: 64903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-81	T-17 (0-1')	Soluble	Solid	300.0	64819
880-34470-82	T-17 (1.5')	Soluble	Solid	300.0	64819
880-34470-83	T-17 (2.0')	Soluble	Solid	300.0	64819
880-34470-84	T-17 (3.0')	Soluble	Solid	300.0	64819
880-34470-85	T-17 (4.0')	Soluble	Solid	300.0	64819
MB 880-64819/1-A	Method Blank	Soluble	Solid	300.0	64819
LCS 880-64819/2-A	Lab Control Sample	Soluble	Solid	300.0	64819
LCSD 880-64819/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64819
880-34418-A-25-D MS	Matrix Spike	Soluble	Solid	300.0	64819
880-34418-A-25-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	64819
880-34452-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	64819
880-34452-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	64819

Analysis Batch: 64916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-41	T-9 (0-1')	Soluble	Solid	300.0	64823
880-34470-42	T-9 (1.5')	Soluble	Solid	300.0	64823
880-34470-43	T-9 (2.0')	Soluble	Solid	300.0	64823
880-34470-44	T-9 (3.0')	Soluble	Solid	300.0	64823
880-34470-45	T-9 (4.0')	Soluble	Solid	300.0	64823
880-34470-46	T-10 (0-1')	Soluble	Solid	300.0	64823
880-34470-47	T-10 (1.5')	Soluble	Solid	300.0	64823
880-34470-48	T-10 (2.0')	Soluble	Solid	300.0	64823
880-34470-49	T-10 (3.0')	Soluble	Solid	300.0	64823
880-34470-50	T-10 (4.0')	Soluble	Solid	300.0	64823
880-34470-51	T-11 (0-1')	Soluble	Solid	300.0	64823
880-34470-52	T-11 (1.5')	Soluble	Solid	300.0	64823
880-34470-53	T-11 (2.0')	Soluble	Solid	300.0	64823
880-34470-54	T-11 (3.0')	Soluble	Solid	300.0	64823
880-34470-55	T-11 (4.0')	Soluble	Solid	300.0	64823
880-34470-56	T-12 (0-1')	Soluble	Solid	300.0	64823
880-34470-57	T-12 (1.5')	Soluble	Solid	300.0	64823
880-34470-58	T-12 (2.0')	Soluble	Solid	300.0	64823
880-34470-59	T-12 (3.0')	Soluble	Solid	300.0	64823
880-34470-60	T-12 (4.0')	Soluble	Solid	300.0	64823
MB 880-64823/1-A	Method Blank	Soluble	Solid	300.0	64823
LCS 880-64823/2-A	Lab Control Sample	Soluble	Solid	300.0	64823
LCSD 880-64823/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64823
880-34470-41 MS	T-9 (0-1')	Soluble	Solid	300.0	64823
880-34470-41 MSD	T-9 (0-1')	Soluble	Solid	300.0	64823
880-34470-51 MS	T-11 (0-1')	Soluble	Solid	300.0	64823
880-34470-51 MSD	T-11 (0-1')	Soluble	Solid	300.0	64823

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 64973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34470-61	T-13 (0-1')	Soluble	Solid	300.0	64825
880-34470-62	T-13 (1.5')	Soluble	Solid	300.0	64825
880-34470-63	T-13 (2.0')	Soluble	Solid	300.0	64825
880-34470-64	T-13 (3.0')	Soluble	Solid	300.0	64825
880-34470-65	T-13 (4.0')	Soluble	Solid	300.0	64825
880-34470-66	T-14 (0-1')	Soluble	Solid	300.0	64825
880-34470-67	T-14 (1.5')	Soluble	Solid	300.0	64825
880-34470-68	T-14 (2.0')	Soluble	Solid	300.0	64825
880-34470-69	T-14 (3.0')	Soluble	Solid	300.0	64825
880-34470-70	T-14 (4.0')	Soluble	Solid	300.0	64825
880-34470-71	T-15 (0-1')	Soluble	Solid	300.0	64825
880-34470-72	T-15 (1.5')	Soluble	Solid	300.0	64825
880-34470-73	T-15 (2.0')	Soluble	Solid	300.0	64825
880-34470-74	T-15 (3.0')	Soluble	Solid	300.0	64825
880-34470-75	T-15 (4.0')	Soluble	Solid	300.0	64825
880-34470-76	T-16 (0-1')	Soluble	Solid	300.0	64825
880-34470-77	T-16 (1.5')	Soluble	Solid	300.0	64825
880-34470-78	T-16 (2.0')	Soluble	Solid	300.0	64825
880-34470-79	T-16 (3.0')	Soluble	Solid	300.0	64825
880-34470-80	T-16 (4.0')	Soluble	Solid	300.0	64825
MB 880-64825/1-A	Method Blank	Soluble	Solid	300.0	64825
LCS 880-64825/2-A	Lab Control Sample	Soluble	Solid	300.0	64825
LCSD 880-64825/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64825
880-34470-61 MS	T-13 (0-1')	Soluble	Solid	300.0	64825
880-34470-61 MSD	T-13 (0-1')	Soluble	Solid	300.0	64825
880-34470-71 MS	T-15 (0-1')	Soluble	Solid	300.0	64825
880-34470-71 MSD	T-15 (0-1')	Soluble	Solid	300.0	64825

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-1

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 12:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 11:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 02:11	CH	EET MID

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-34470-2

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 12:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 12:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 12:28	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 02:31	CH	EET MID

Client Sample ID: T-1 (2.0')

Lab Sample ID: 880-34470-3

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 13:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 13:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 12:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 12:50	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 02:38	CH	EET MID

Client Sample ID: T-1 (3.0')

Lab Sample ID: 880-34470-4

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 13:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 13:40	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-1 (3.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 13:12	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 02:45	CH	EET MID

Client Sample ID: T-1 (4.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 14:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 14:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:34	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 13:34	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 02:51	CH	EET MID

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

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 14:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 14:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 13:56	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 03:11	CH	EET MID

Client Sample ID: T-2 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 14:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 14:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 14:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 14:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-2 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 03:18	CH	EET MID

Client Sample ID: T-2 (2.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 15:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 15:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 14:40	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 03:25	CH	EET MID

Client Sample ID: T-2 (3.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 15:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 15:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 15:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 15:03	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 03:31	CH	EET MID

Client Sample ID: T-2 (4.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 15:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 15:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 15:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 15:24	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 03:38	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-11

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 17:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 17:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 16:08	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 03:45	CH	EET MID

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-34470-12

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 17:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 17:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 16:30	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 04:05	CH	EET MID

Client Sample ID: T-3 (2.0')

Lab Sample ID: 880-34470-13

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 18:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 18:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:52	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 16:52	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 04:11	CH	EET MID

Client Sample ID: T-3 (3.0')

Lab Sample ID: 880-34470-14

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 18:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 18:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-3 (3.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 17:14	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 04:31	CH	EET MID

Client Sample ID: T-3 (4.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 18:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 18:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 17:36	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 04:38	CH	EET MID

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

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 19:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 17:58	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 04:45	CH	EET MID

Client Sample ID: T-4 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 19:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 18:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 18:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-4 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 04:51	CH	EET MID

Client Sample ID: T-4 (2.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-18

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			5.00 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 19:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 18:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 18:42	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 04:58	CH	EET MID

Client Sample ID: T-4 (3.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-19

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	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 20:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 19:04	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		5			64901	10/18/23 05:05	CH	EET MID

Client Sample ID: T-4 (4.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-20

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			4.99 g	5 mL	64811	10/16/23 15:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/17/23 20:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 20:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	64857	10/17/23 08:30	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64848	10/17/23 19:26	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64820	10/16/23 15:47	CH	EET MID
Soluble	Analysis	300.0		1			64901	10/18/23 05:11	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-34470-21

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 00:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 11:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 11:23	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 00:09	CH	EET MID

Client Sample ID: T-5 (1.5')

Lab Sample ID: 880-34470-22

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 00:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 12:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 12:28	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 00:26	CH	EET MID

Client Sample ID: T-5 (2.0')

Lab Sample ID: 880-34470-23

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 00:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 00:57	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 12:50	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 12:50	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 00:31	CH	EET MID

Client Sample ID: T-5 (3.0')

Lab Sample ID: 880-34470-24

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 01:17	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-5 (3.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-24

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			64974	10/17/23 13:12	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 13:12	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 00:37	CH	EET MID

Client Sample ID: T-5 (4.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-25

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			4.97 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 01:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 13:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 00:42	CH	EET MID

Client Sample ID: T-6 (0-1')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-26

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			4.98 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 01:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 13:56	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		5			64890	10/18/23 01:00	CH	EET MID

Client Sample ID: T-6 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-27

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			5.05 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 02:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 14:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 14:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-6 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-27

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			4.97 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 01:05	CH	EET MID

Client Sample ID: T-6 (2.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 02:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 14:40	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 14:40	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 01:11	CH	EET MID

Client Sample ID: T-6 (3.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 03:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 03:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 15:03	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 15:03	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 01:16	CH	EET MID

Client Sample ID: T-6 (4.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-30

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			5.01 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 03:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 03:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 15:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 15:24	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 01:22	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-34470-31

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 05:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 05:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 16:08	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 01:28	CH	EET MID

Client Sample ID: T-7 (1.5')

Lab Sample ID: 880-34470-32

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 05:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 16:30	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 01:45	CH	EET MID

Client Sample ID: T-7 (2.0')

Lab Sample ID: 880-34470-33

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 05:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 05:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:52	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 16:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		10			64890	10/18/23 01:50	CH	EET MID

Client Sample ID: T-7 (3.0')

Lab Sample ID: 880-34470-34

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 06:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 06:12	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-7 (3.0')

Lab Sample ID: 880-34470-34

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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			64974	10/17/23 17:14	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 17:14	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 02:07	CH	EET MID

Client Sample ID: T-7 (4.0')

Lab Sample ID: 880-34470-35

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 06:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 06:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 17:36	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 02:13	CH	EET MID

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-34470-36

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 06:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 06:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 17:58	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 02:18	CH	EET MID

Client Sample ID: T-8 (1.5')

Lab Sample ID: 880-34470-37

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 07:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 07:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 18:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 18:20	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-8 (1.5')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-37

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			5.04 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 02:24	CH	EET MID

Client Sample ID: T-8 (2.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-38

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			4.99 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 07:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 07:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 18:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 18:42	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 02:30	CH	EET MID

Client Sample ID: T-8 (3.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-39

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			5.02 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 07:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 07:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 19:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 02:35	CH	EET MID

Client Sample ID: T-8 (4.0')

Date Collected: 10/12/23 00:00

Date Received: 10/16/23 14:29

Lab Sample ID: 880-34470-40

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			5.05 g	5 mL	64812	10/16/23 15:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64864	10/18/23 08:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 08:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	64858	10/17/23 08:33	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 19:26	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64822	10/16/23 15:49	CH	EET MID
Soluble	Analysis	300.0		1			64890	10/18/23 02:41	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-34470-41

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/17/23 23:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 23:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 11:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 11:07	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		5			64916	10/18/23 03:26	CH	EET MID

Client Sample ID: T-9 (1.5')

Lab Sample ID: 880-34470-42

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/17/23 23:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 23:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 12:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 12:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 03:43	CH	EET MID

Client Sample ID: T-9 (2.0')

Lab Sample ID: 880-34470-43

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/17/23 23:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 23:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 12:41	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 03:48	CH	EET MID

Client Sample ID: T-9 (3.0')

Lab Sample ID: 880-34470-44

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 00:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 00:13	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-9 (3.0')

Lab Sample ID: 880-34470-44

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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			64974	10/17/23 13:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 13:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 03:54	CH	EET MID

Client Sample ID: T-9 (4.0')

Lab Sample ID: 880-34470-45

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 00:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 13:30	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 04:00	CH	EET MID

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-34470-46

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 00:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 13:53	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 04:17	CH	EET MID

Client Sample ID: T-10 (1.5')

Lab Sample ID: 880-34470-47

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 01:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 01:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 14:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 14:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-10 (1.5')

Lab Sample ID: 880-34470-47

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 04:22	CH	EET MID

Client Sample ID: T-10 (2.0')

Lab Sample ID: 880-34470-48

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 01:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 14:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 14:42	SM	EET MID
Soluble	Leach	DI Leach			4.93 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 04:28	CH	EET MID

Client Sample ID: T-10 (3.0')

Lab Sample ID: 880-34470-49

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 01:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 01:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 15:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 15:07	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 04:34	CH	EET MID

Client Sample ID: T-10 (4.0')

Lab Sample ID: 880-34470-50

Date Collected: 10/12/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 02:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 02:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 15:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 15:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 04:39	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-34470-51

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 03:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 03:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 16:17	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 04:45	CH	EET MID

Client Sample ID: T-11 (1.5')

Lab Sample ID: 880-34470-52

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 04:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 16:42	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:02	CH	EET MID

Client Sample ID: T-11 (2.0')

Lab Sample ID: 880-34470-53

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 04:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 04:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 17:04	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:07	CH	EET MID

Client Sample ID: T-11 (3.0')

Lab Sample ID: 880-34470-54

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 04:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 04:44	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-11 (3.0')

Lab Sample ID: 880-34470-54

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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			64974	10/17/23 17:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 17:28	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:24	CH	EET MID

Client Sample ID: T-11 (4.0')

Lab Sample ID: 880-34470-55

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 05:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 05:04	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 17:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:30	CH	EET MID

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-34470-56

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 05:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 05:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 18:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 18:15	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:35	CH	EET MID

Client Sample ID: T-12 (1.5')

Lab Sample ID: 880-34470-57

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 05:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 05:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 18:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 18:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-12 (1.5')

Lab Sample ID: 880-34470-57

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:41	CH	EET MID

Client Sample ID: T-12 (2.0')

Lab Sample ID: 880-34470-58

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 06:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 06:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 19:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:47	CH	EET MID

Client Sample ID: T-12 (3.0')

Lab Sample ID: 880-34470-59

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 06:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 06:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 19:26	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:52	CH	EET MID

Client Sample ID: T-12 (4.0')

Lab Sample ID: 880-34470-60

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64813	10/16/23 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64863	10/18/23 06:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 06:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	64859	10/17/23 08:36	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64853	10/17/23 19:51	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64823	10/16/23 15:51	CH	EET MID
Soluble	Analysis	300.0		1			64916	10/18/23 05:58	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (0-1')

Lab Sample ID: 880-34470-61

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 16:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 16:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 11:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 11:07	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 14:30	SMC	EET MID

Client Sample ID: T-13 (1.5')

Lab Sample ID: 880-34470-62

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 17:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 17:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 12:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 12:17	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 14:50	SMC	EET MID

Client Sample ID: T-13 (2.0')

Lab Sample ID: 880-34470-63

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 17:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 12:41	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 12:41	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 14:57	SMC	EET MID

Client Sample ID: T-13 (3.0')

Lab Sample ID: 880-34470-64

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 17:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 17:52	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-13 (3.0')

Lab Sample ID: 880-34470-64

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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			64974	10/17/23 13:05	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 13:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 15:03	SMC	EET MID

Client Sample ID: T-13 (4.0')

Lab Sample ID: 880-34470-65

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 18:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 18:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 13:30	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 15:10	SMC	EET MID

Client Sample ID: T-14 (0-1')

Lab Sample ID: 880-34470-66

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 18:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 13:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 13:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64973	10/19/23 09:56	SMC	EET MID

Client Sample ID: T-14 (1.5')

Lab Sample ID: 880-34470-67

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 19:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 19:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 14:18	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 14:18	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-14 (1.5')

Lab Sample ID: 880-34470-67

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	64973	10/18/23 15:37	SMC	EET MID

Client Sample ID: T-14 (2.0')

Lab Sample ID: 880-34470-68

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 19:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 14:42	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 14:42	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64973	10/18/23 15:43	SMC	EET MID

Client Sample ID: T-14 (3.0')

Lab Sample ID: 880-34470-69

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 20:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 15:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 15:07	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 15:50	SMC	EET MID

Client Sample ID: T-14 (4.0')

Lab Sample ID: 880-34470-70

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 20:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 20:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 15:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 15:31	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 15:57	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (0-1')

Lab Sample ID: 880-34470-71

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 22:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 22:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:17	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 16:17	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	64973	10/19/23 19:08	SMC	EET MID

Client Sample ID: T-15 (1.5')

Lab Sample ID: 880-34470-72

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 22:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 22:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 16:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 16:42	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64973	10/18/23 16:23	SMC	EET MID

Client Sample ID: T-15 (2.0')

Lab Sample ID: 880-34470-73

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 23:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 23:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 17:04	SM	EET MID
Soluble	Leach	DI Leach			5.06 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64973	10/18/23 16:30	SMC	EET MID

Client Sample ID: T-15 (3.0')

Lab Sample ID: 880-34470-74

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 23:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 23:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-15 (3.0')

Lab Sample ID: 880-34470-74

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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			64974	10/17/23 17:28	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 17:28	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 16:50	SMC	EET MID

Client Sample ID: T-15 (4.0')

Lab Sample ID: 880-34470-75

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/17/23 23:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 23:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 17:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 17:50	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 16:57	SMC	EET MID

Client Sample ID: T-16 (0-1')

Lab Sample ID: 880-34470-76

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/18/23 00:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 00:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 18:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 18:15	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 17:04	SMC	EET MID

Client Sample ID: T-16 (1.5')

Lab Sample ID: 880-34470-77

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/18/23 00:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 00:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 18:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 18:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-16 (1.5')

Lab Sample ID: 880-34470-77

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 17:10	SMC	EET MID

Client Sample ID: T-16 (2.0')

Lab Sample ID: 880-34470-78

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/18/23 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 01:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 19:02	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 17:17	SMC	EET MID

Client Sample ID: T-16 (3.0')

Lab Sample ID: 880-34470-79

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/18/23 01:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 01:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 19:26	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 17:23	SMC	EET MID

Client Sample ID: T-16 (4.0')

Lab Sample ID: 880-34470-80

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64814	10/16/23 15:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64862	10/18/23 02:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/18/23 02:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 19:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64860	10/17/23 08:41	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64854	10/17/23 19:51	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	64825	10/16/23 15:53	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64973	10/18/23 17:30	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (0-1')

Lab Sample ID: 880-34470-81

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64809	10/16/23 14:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64758	10/17/23 06:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 06:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/17/23 23:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	64861	10/17/23 08:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/17/23 23:52	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	64819	10/16/23 15:46	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64903	10/17/23 22:51	CH	EET MID

Client Sample ID: T-17 (1.5')

Lab Sample ID: 880-34470-82

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64809	10/16/23 14:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64758	10/17/23 06:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 06:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/18/23 00:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	64861	10/17/23 08:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/18/23 00:15	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64819	10/16/23 15:46	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64903	10/17/23 23:02	CH	EET MID

Client Sample ID: T-17 (2.0')

Lab Sample ID: 880-34470-83

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64809	10/16/23 14:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64758	10/17/23 06:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 06:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/18/23 00:38	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	64861	10/17/23 08:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/18/23 00:38	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	64819	10/16/23 15:46	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	64903	10/17/23 23:35	CH	EET MID

Client Sample ID: T-17 (3.0')

Lab Sample ID: 880-34470-84

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64809	10/16/23 14:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64758	10/17/23 07:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 07:17	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Client Sample ID: T-17 (3.0')

Lab Sample ID: 880-34470-84

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

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			64974	10/18/23 01:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	64861	10/17/23 08:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/18/23 01:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	64819	10/16/23 15:46	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64903	10/17/23 23:47	CH	EET MID

Client Sample ID: T-17 (4.0')

Lab Sample ID: 880-34470-85

Date Collected: 10/13/23 00:00

Matrix: Solid

Date Received: 10/16/23 14:29

Prep 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	64809	10/16/23 14:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64758	10/17/23 07:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64899	10/17/23 07:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			64974	10/18/23 01:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	64861	10/17/23 08:47	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64850	10/18/23 01:23	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	64819	10/16/23 15:46	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	64903	10/17/23 23:58	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: Gem to Quijote-Line Spill

Job ID: 880-34470-1
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	T104704400-23-26	06-30-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

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

Protocol References:
ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

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

Sample Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-34470-1	T-1 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-2	T-1 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-3	T-1 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-4	T-1 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-5	T-1 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-6	T-2 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-7	T-2 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-8	T-2 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-9	T-2 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-10	T-2 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-11	T-3 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-12	T-3 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-13	T-3 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-14	T-3 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-15	T-3 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-16	T-4 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-17	T-4 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-18	T-4 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-19	T-4 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-20	T-4 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-21	T-5 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-22	T-5 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-23	T-5 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-24	T-5 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-25	T-5 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-26	T-6 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-27	T-6 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-28	T-6 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-29	T-6 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-30	T-6 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-31	T-7 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-32	T-7 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-33	T-7 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-34	T-7 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-35	T-7 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-36	T-8 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-37	T-8 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-38	T-8 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-39	T-8 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-40	T-8 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-41	T-9 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-42	T-9 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-43	T-9 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-44	T-9 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-45	T-9 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-46	T-10 (0-1')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-47	T-10 (1.5')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-48	T-10 (2.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-49	T-10 (3.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-50	T-10 (4.0')	Solid	10/12/23 00:00	10/16/23 14:29
880-34470-51	T-11 (0-1')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-52	T-11 (1.5')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-53	T-11 (2.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-54	T-11 (3.0')	Solid	10/13/23 00:00	10/16/23 14:29

Sample Summary

Client: Carmona Resources
Project/Site: Gem to Quijote-Line Spill

Job ID: 880-34470-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-34470-55	T-11 (4.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-56	T-12 (0-1')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-57	T-12 (1.5')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-58	T-12 (2.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-59	T-12 (3.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-60	T-12 (4.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-61	T-13 (0-1')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-62	T-13 (1.5')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-63	T-13 (2.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-64	T-13 (3.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-65	T-13 (4.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-66	T-14 (0-1')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-67	T-14 (1.5')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-68	T-14 (2.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-69	T-14 (3.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-70	T-14 (4.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-71	T-15 (0-1')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-72	T-15 (1.5')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-73	T-15 (2.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-74	T-15 (3.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-75	T-15 (4.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-76	T-16 (0-1')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-77	T-16 (1.5')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-78	T-16 (2.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-79	T-16 (3.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-80	T-16 (4.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-81	T-17 (0-1')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-82	T-17 (1.5')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-83	T-17 (2.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-84	T-17 (3.0')	Solid	10/13/23 00:00	10/16/23 14:29
880-34470-85	T-17 (4.0')	Solid	10/13/23 00:00	10/16/23 14:29

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79708
Phone	(432) 813-6823	Email	Todd Wells@eogresources.com

Project Name	Gem to Quijote - Line Spill	Turn Around	☐ Routine ☒ Rush	Pres. Code	5
Project Number	2124	Due Date	72 Hours		
Project Location	Lea County, New Mexico				
Sampler's Name	JM				
PO #					

SAMPLE RECEIPT	Temp Blank	Yes (No)	Wet Ice	Yes (No)
	Received Intact	Yes (No)	Thermometer ID	5728
	Cooler Custody Seals	Yes (No)	Correction Factor	1.00
	Sample Custody Seals	Yes (No)	Temperature Reading	5.8
	Total Containers		Corrected Temperature	5.8

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTX 8021B	TPH TX 1005 (Ext to C39)	Chloride 300.0	ANALYSIS REQUEST										Preservative Codes	
T-1 (0-1 0')	10/12/2023		X		G	1	X	X	X									None NO	DI Water H ₂ O		
T-1 (1 5')	10/12/2023		X		G	1	X	X	X									Cool Cool	MeOH Me		
T-1 (2 0')	10/12/2023		X		G	1	X	X	X									HCL HC	HNO ₃ HN		
T-1 (3 0')	10/12/2023		X		G	1	X	X	X									H ₂ SO ₄ H ₂	NaOH Na		
T-1 (4 0')	10/12/2023		X		G	1	X	X	X									H ₃ PO ₄ HP			
T-2 (0-1 0')	10/12/2023		X		G	1	X	X	X									NaHSO ₄ NABIS			
T-2 (1 5')	10/12/2023		X		G	1	X	X	X									Na ₂ S ₂ O ₃ NaSO ₃			
T-2 (2 0')	10/12/2023		X		G	1	X	X	X									Zn Acetate+NaOH Zn			
T-2 (3 0')	10/12/2023		X		G	1	X	X	X									NaOH+Ascorbic Acid SAPC			
T-2 (4 0')	10/12/2023		X		G	1	X	X	X												

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	10/16/23 1428		



880-34470 Chain of Custody

Page 1

Work Order No: 34470

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	(432) 813-6823	Email	Todd Wells@eogresources.com

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

Project Name	Gem to Quijote - Line Spill		Turn Around	☐ Routine ☒ Rush	Due Date	72 Hours	Para. Code	ANALYSIS REQUEST												Preservative Codes												
Project Number	2124																				None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC											
Project Location	Lea County, New Mexico																															
Sampler's Name	JM																															
PO #																																
SAMPLE RECEIPT	Temp Blank	Yes No	Yes No	Wet Ice	Yes No																											
Received Intact	Yes No	Thermometer ID																														
Cooler Custody Seals	Yes No N/A	Correction Factor																														
Sample Custody Seals	Yes No N/A	Temperature Reading																														
Total Containers			Corrected Temperature																													
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters																									
T-3 (0-1' 0")	10/12/2023		X		G	1	BTEX 8021B																									
T-3 (1' 5")	10/12/2023		X		G	1	TPH 7X-4005 (Ext to C-25)																									
T-3 (2' 0")	10/12/2023		X		G	1	Chloride 300.0																									
T-3 (3' 0")	10/12/2023		X		G	1																										
T-3 (4' 0")	10/12/2023		X		G	1																										
T-4 (0-1' 0")	10/12/2023		X		G	1																										
T-4 (1' 5")	10/12/2023		X		G	1																										
T-4 (2' 0")	10/12/2023		X		G	1																										
T-4 (3' 0")	10/12/2023		X		G	1																										
T-4 (4' 0")	10/12/2023		X		G	1																										

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	10/16/23		14/29

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

Work Order No: 34470

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State Zip	Midland, TX 79701	City, State Zip	Midland Tx 79706
Phone	(432) 813-6823	Email	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PT	PRP
State of Project:	Level I
Reporting Level II	Level III
Deliverables EDD	ADAPT
Other	

Project Name	Gem to Quijote - Line Spill	Turn Around	Project Number	2124	Due Date	72 Hours	Parameters	BTX 8021B	TPH TX 1005 (Ext to CSS)	Chloride 300.0	ANALYSIS REQUEST	Preservative Codes
Project Location	Lea County, New Mexico	☐ Routine ☒ Rush	Project Number	2124	Due Date	72 Hours	Parameters	BTX 8021B	TPH TX 1005 (Ext to CSS)	Chloride 300.0	ANALYSIS REQUEST	Preservative Codes
Sampler's Name	JM		Project Number	2124	Due Date	72 Hours	Parameters	BTX 8021B	TPH TX 1005 (Ext to CSS)	Chloride 300.0	ANALYSIS REQUEST	Preservative Codes
PO #			Project Number	2124	Due Date	72 Hours	Parameters	BTX 8021B	TPH TX 1005 (Ext to CSS)	Chloride 300.0	ANALYSIS REQUEST	Preservative Codes
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No								
Received Intact	Yes No	Thermometer ID										
Cooler Custody Seals	Yes No	Correction Factor										
Sample Custody Seals	Yes No	Temperature Reading										
Total Containers		Corrected Temperature										
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont						Sample Comments
T-5 (0-1 0')	10/13/2023		X		G	1	X	X	X			
T-5 (1 5')	10/13/2023		X		G	1	X	X	X			
T-5 (2 0')	10/13/2023		X		G	1	X	X	X			
T-5 (3 0')	10/13/2023		X		G	1	X	X	X			
T-5 (4 0')	10/13/2023		X		G	1	X	X	X			
T-6 (0-1 0')	10/12/2023		X		G	1	X	X	X			
T-6 (1 5')	10/12/2023		X		G	1	X	X	X			
T-6 (2 0')	10/12/2023		X		G	1	X	X	X			
T-6 (3 0')	10/12/2023		X		G	1	X	X	X			
T-6 (4 0')	10/12/2023		X		G	1	X	X	X			

Comments Email to Mike Carmona / Mcarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com and Devin Dominguez / Ddominguez@carmonarresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	10/14/23		

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland TX 79706
Phone	(432) 813-6823	Email	Todd Wells@eogresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Crownfields ☐ JRC ☐ Jperfund ☐

State of Project:

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

Deliverables EDD ☐ ADAPT ☐ Other

Work Order No: 34470

Project Name		Gem to Quiltice - Line Spill		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number	2124	☐ Routine	☒ Rush	Due Date	72 Hours												None NO	DI Water H ₂ O
Project Location	Lea County, New Mexico														Cool Cool	MeOH Me		
Sampler's Name	JM														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											Sample Comments
T-7 (-0-1 0')		10/12/2023		X		G	1	X	X	X								
T-7 (1 5')		10/12/2023		X		G	1	X	X	X								
T-7 (2 0')		10/12/2023		X		G	1	X	X	X								
T-7 (3 0')		10/12/2023		X		G	1	X	X	X								
T-7 (4 0')		10/12/2023		X		G	1	X	X	X								
T-8 (-0-1 0')		10/12/2023		X		G	1	X	X	X								
T-8 (1 5')		10/12/2023		X		G	1	X	X	X								
T-8 (2 0')		10/12/2023		X		G	1	X	X	X								
T-8 (3 0')		10/12/2023		X		G	1	X	X	X								
T-8 (4 0')		10/12/2023		X		G	1	X	X	X								

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Corner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

[illegible]

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Work Order No: 34470

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	(432) 813-6823	Email	Todd Wells@eogresources.com

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

Project Name	Gem to Quijote - Line Spill		Turn Around		Pres. Code	5	ANALYSIS REQUEST												Preservative Codes			
Project Number	2124		☐ Routine	☒ Rush			72 Hours	None NO	DI Water H ₂ O													
Project Location	Lea County, New Mexico		Due Date			Cool Cool	MeOH Me															
Sampler's Name	JM					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	BTX 8021B												Chloride 300.0	
T-9 (0-1 0')			10/12/2023		X		G	1	X	X	X											
T-9 (1 5')			10/12/2023		X		G	1	X	X	X											
T-9 (2 0')			10/12/2023		X		G	1	X	X	X											
T-9 (3 0')			10/12/2023		X		G	1	X	X	X											
T-9 (4 0')			10/12/2023		X		G	1	X	X	X											
T-10 (0-1 0')			10/12/2023		X		G	1	X	X	X											
T-10 (1 5')			10/12/2023		X		G	1	X	X	X											
T-10 (2 0')			10/12/2023		X		G	1	X	X	X											
T-10 (3 0')			10/12/2023		X		G	1	X	X	X											
T-10 (4 0')			10/12/2023		X		G	1	X	X	X											

Comments Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		10/16/23			
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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	(432) 813-6823	Email	Todd.Wells@eogresources.com

Page 6 of 9	
Work Order Comments	
Program: UST/PST	☐ PRP ☐ brownfields ☐ JRC ☐ Iperfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables EDD	☐ ADAPT ☐ Other

Project Name	Gem to Quiote - Line Spill	Turn Around	☐ Routine ☒ Rush	72 Hours	Pres. Code	8015	ANALYSIS REQUEST												Preservative Codes	
Project Number	2124																None NO	DI Water H ₂ O		
Project Location	Lea County, New Mexico	Due Date															Cool Cool	Mech Me		
Sampler's Name	JM																HCL HC	HNO ₃ HN		
PO #																	H ₂ SO ₄ H ₂	NaOH Na		
SAMPLE RECEIPT	Temp Blank	Yes No	Thermometer ID	Wet Ice	Yes No												H ₃ PO ₄ HP			
Received Intact:	Yes No																NaHSO ₄ NABIS			
Cooler Custody Seals	Yes No	N/A	Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃			
Sample Custody Seals	Yes No	N/A	Temperature Reading														Zn Acetate+NaOH Zn			
Total Containers			Corrected Temperature														NaOH+Ascorbic Acid S APC			

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters												Sample Comments	
T-11 (0-1 0')	10/13/2023		X		G	1	BTEX 8021B													
T-11 (1 5')	10/13/2023		X		G	1	TPH 7X 1000 (5X to 235)													
T-11 (2 0')	10/13/2023		X		G	1	Chloride 300.0													
T-11 (3 0')	10/13/2023		X		G	1														
T-11 (4 0')	10/13/2023		X		G	1														
T-12 (0-1 0')	10/13/2023		X		G	1														
T-12 (1 5')	10/13/2023		X		G	1														
T-12 (2 0')	10/13/2023		X		G	1														
T-12 (3 0')	10/13/2023		X		G	1														
T-12 (4 0')	10/13/2023		X		G	1														

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by (Signature)		Date/Time	Received by (Signature)		Date/Time
		10/16/23			

Work Order No: 34470

Released to Imaging: 3/6/2024 2:18:51 PM

Project Manager		Conner Moehring		Bill to (if different)		Todd Wells	
Company Name		Carmona Resources		Company Name		EOG Resources	
Address		310 W Wall St Ste 500		Address		5509 Champions Dr	
City, State ZIP		Midland, TX 79701		City, State ZIP		Midland, TX 79706	
Phone		(432) 813-6623		Email		Todd.Wells@eogresources.com	

Project Name		Gem to Quiote - Line Spill		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number		2124		☐ Routine ☒ Rush																None NO DI Water- H ₂ O	
Project Location		Lea County, New Mexico		Due Date		72 Hours														Cool Cool MeOH Me	
Sampler's Name		JM																		HCL HC HNO ₃ HN	
PO #																				H ₂ SO ₄ H ₂ NaOH Na	

SAMPLE RECEIPT		Temp Blank		Yes No		Thermometer ID		Yes No		Parameters		BTEX 8021B TPH TX 4005 (Ext to C55) 8015 Chloride 300.0											
Received Intact:		Yes No																					
Cooler Custody Seals		Yes No N/A				Correction Factor																	
Sample Custody Seals		Yes No N/A				Temperature Reading																	
Total Containers						Corrected Temperature																	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments
T-15 (0-1 0')	10/13/2023		X		G	1	X	X	X										
T-15 (1 5')	10/13/2023		X		G	1	X	X	X										
T-15 (2 0')	10/13/2023		X		G	1	X	X	X										
T-15 (3 0')	10/13/2023		X		G	1	X	X	X										
T-15 (4 0')	10/13/2023		X		G	1	X	X	X										
T-16 (0-1 0')	10/13/2023		X		G	1	X	X	X										
T-16 (1 5')	10/13/2023		X		G	1	X	X	X										
T-16 (2 0')	10/13/2023		X		G	1	X	X	X										
T-16 (3 0')	10/13/2023		X		G	1	X	X	X										
T-16 (4 0')	10/13/2023		X		G	1	X	X	X										

Comments Email to Mike Carmona / Mccarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by (Signature)		Date/Time		Received by (Signature)		Date/Time	
		10/14/23 1422					

Work Order No.:

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Loc: 880
Work Order No: 34470

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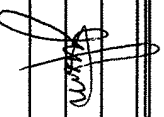
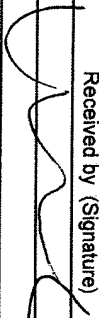
11/10/2023 (Rev. 1)

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	(432) 813-6823	Email	Todd.Wells@eogresources.com

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

Project Name	Gem to Quijote - Line Spill	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	2124	☐ Routine ☒ Rush	72 Hours														None NO	DI Water H2O	
Project Location	Lea County, New Mexico	Due Date															Cool Cool	MeOH Me	
Sampler's Name	JM																HCL HC	HNO3 HN	
PO #																	H2SO4 H2	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H3PO4 HP		
Received Intact:	Yes No	Thermometer ID															NaHSO4 NABIS		
Cooler Custody Seals	Yes No N/A	Correction Factor															Na2S2O3 NaSO3		
Sample Custody Seals	Yes No N/A	Temperature Reading															Zn Acetate+NaOH Zn		
Total Containers		Corrected Temperature															NaOH+Ascorbic Acid SACP		
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments
T-17 (0-1 0')	10/13/2023		X		G	1	X	X	X										
T-17 (1 5')	10/13/2023		X		G	1	X	X	X										
T-17 (2 0')	10/13/2023		X		G	1	X	X	X										
T-17 (3 0')	10/13/2023		X		G	1	X	X	X										
T-17 (4 0')	10/13/2023		X		G	1	X	X	X										

Comments Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com and Devin Dominguez / Ddominguez@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	10/16/23		11/14/23

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-34470-1

SDG Number: Lea County, New Mexico

Login Number: 34470

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

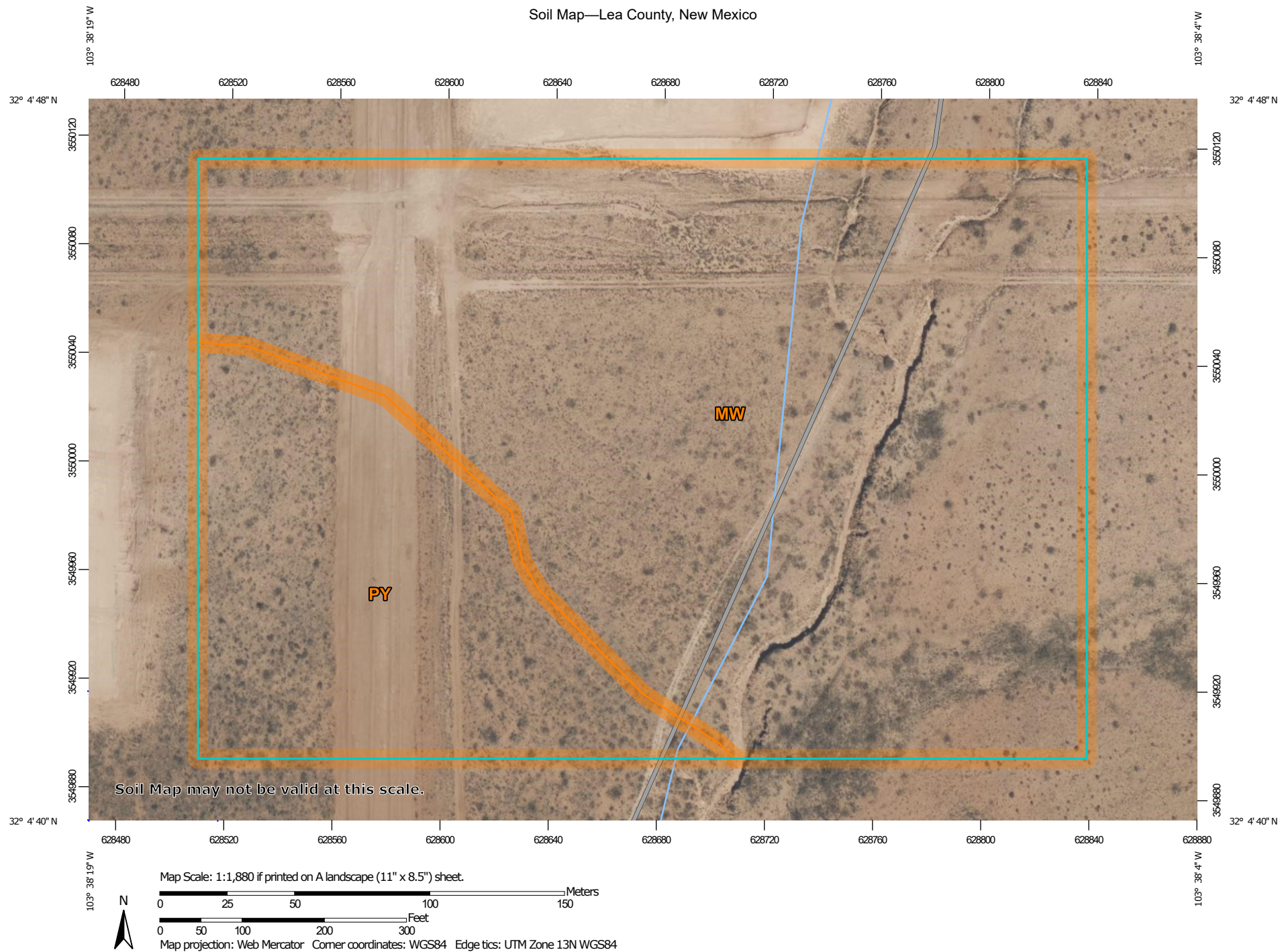
Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature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

APPENDIX F

CARMONA RESOURCES



Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

11/9/2023
Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MW	Mobeetie-Potter association, 1 to 15 percent slopes	13.5	75.0%
PY	Pyote soils and Dune land	4.5	25.0%
Totals for Area of Interest		18.0	100.0%

Map Unit Description: Mobeetie-Potter association, 1 to 15 percent slopes---Lea County, New Mexico

Lea County, New Mexico

MW—Mobeetie-Potter association, 1 to 15 percent slopes

Map Unit Setting

National map unit symbol: dmqh

Elevation: 3,000 to 6,500 feet

Mean annual precipitation: 10 to 16 inches

Mean annual air temperature: 48 to 62 degrees F

Frost-free period: 110 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Mobeetie and similar soils: 70 percent

Potter and similar soils: 24 percent

Minor components: 6 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mobeetie

Setting

Landform: Escarpments, draws

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 4 inches: fine sandy loam

Bw - 4 to 24 inches: fine sandy loam

Bk - 24 to 60 inches: fine sandy loam

Properties and qualities

Slope: 1 to 10 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Map Unit Description: Mobeetie-Potter association, 1 to 15 percent slopes---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: A

Ecological site: R077CY035TX - Sandy 16-21" PZ

Hydric soil rating: No

Description of Potter**Setting**

Landform: Escarpments, draws

Landform position (two-dimensional): Backslope

Landform position (three-dimensional): Side slope

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous alluvium and/or calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 4 inches: gravelly fine sandy loam

Bck - 4 to 14 inches: extremely cobbly loam

Properties and qualities

Slope: 5 to 15 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 70 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Very low (about 0.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R077CY037TX - Very Shallow 16-21" PZ

Hydric soil rating: No

Minor Components**Maljamar**

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Map Unit Description: Mobeetie-Potter association, 1 to 15 percent slopes---Lea County, New Mexico

Stony rock land

Percent of map unit: 1 percent

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

Mansker

Percent of map unit: 1 percent

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Ustifluvents

Percent of map unit: 1 percent

Landform: Drainageways

Landform position (two-dimensional): Toeslope

Landform position (three-dimensional): Tread

Down-slope shape: Concave

Across-slope shape: Linear

Ecological site: R070BC008NM - Draw

Hydric soil rating: Yes

Pyote

Percent of map unit: 1 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

Map Unit Description: Pyote soils and Dune land---Lea County, New Mexico

Lea County, New Mexico

PY—Pyote soils and Dune land

Map Unit Setting

National map unit symbol: dmqr

Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Dune land: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Depressions

Landform position (two-dimensional): Footslope

Landform position (three-dimensional): Base slope

Down-slope shape: Concave

Across-slope shape: Concave

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Map Unit Description: Pyote soils and Dune land---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: A

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Dune Land**Setting**

Landform: Dunes

Landform position (two-dimensional): Backslope, shoulder

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear

Across-slope shape: Convex

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 6 inches: fine sand

C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydrologic Soil Group: A

Hydric soil rating: No

Minor Components**Kermi**

Percent of map unit: 5 percent

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Maljamar, fine sand

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Wink

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 20, Sep 6, 2023

NMSLO Seed Mix**Loamy (L)****LOAMY (L) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Sand dropseed	VNS, Southern	2.0	S
Alkali sacaton	VNS, Southern	1.0	
Little bluestem	Cimarron, Pastura	1.5	F
Forbs:			
Firewheel (<i>Gaillardia</i>)	VNS, Southern	1.0	D
Shrubs:			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
Total PLS/acre		18.0	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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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 286393

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 286393
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation plan is approved under the following conditions; 1. Site characterization needs to be modified. The release entered into a significant watercourse (dashed blue line on the 1985 Paduca Breaks West 7.5 min. topo quad.); therefore, "Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?" should be checked "Yes". 2. The variance request is approved for sampling frequency increased to 400 sq. ft. per one (1) 5-point composite, not 500 sq. ft. 3. EOG has until June 4, 2024 to submit to OCD its appropriate or final remediation closure report.	3/6/2024